CATALOGUE

OF

NORTHWESTERN UNIVERSITY

1898-99

EVANSTON—CHICAGO
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1899

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CATALOGUE

OF

Northwestern University

I COLLEGE OF LIBERAL ARTS
EVANSTON

II MEDICAL SCHOOL
CHICAGO

III LAW SCHOOL
CHICAGO

IV SCHOOL OF PHARMACY
CHICAGO

V DENTAL SCHOOL
CHICAGO

VI WOMAN'S MEDICAL SCHOOL
CHICAGO

VII SCHOOL OF MUSIC
EVANSTON

VIII SCHOOLS OF THEOLOGY
EVANSTON

EVANSTON — CHICAGO

1898-99

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ANNOUNCEMENTS FOR 1899-1900.

THE CORPORATION.

1899.

February 7,	Tuesday, Semi-annual Meeting of the Board of Trustees.
June 13,	Tuesday, Semi-annual Meeting of the Board of Trustees.

THE UNIVERSITY.

Unless otherwise indicated, these announcements apply to all departments of the University.

1899.

June 15,	Thursday, **Forty-First Commencement.**
September 4,	Monday, Pharmacy School Year Opens.
September 18,	Monday, College Year Opens, College of Liberal Arts, Law School, and School of Music.
September 20,	Wednesday, School Year Opens, Swedish Seminary.
September 27,	Wednesday, School Year Opens, Garrett Biblical Institute.
October 4,	Tuesday, School Year Opens, Medical and Dental Schools.
November 23,	Thursday, to November 27, Monday morning, Thanksgiving Recess.
December 22,	Friday, to January 1, 1900, Monday Evening, Christmas Recess.

1900.

February 22,	Thursday, Washington's Birthday: Class-work suspended.
May 30,	Wednesday, Decoration Day; Class-work suspended.
June 14,	Thursday, **Forty-Second Commencement.**

For further announcements concerning the professional schools, reference should be made to the Circulars of Information issued by those schools.

COLLEGE OF LIBERAL ARTS.

1899.

April 3,	Monday, Supplementary Examinations.
April 7,	Friday, Gage Prize Contest.
April 22,	Saturday, Last day for the Presentation of Theses for Advanced Degrees.
April 22,	Saturday, Presentation of Dewey Prize Essays and Harris Prize Theses.
May 20,	Saturday, Examination of Candidates for Advanced Degrees.
May 31,	Wednesday, to June 8, Thursday, Regular Examinations.
June 9,	Friday, Additional Examinations.
June 11,	Sunday, Baccalaureate Address.
June 12 and 13,	Monday and Tuesday, Examinations for Admission.
June 13,	Tuesday, Kirk Prize Contest.
June 14,	Wednesday, Annual Meeting of the Phi Beta Kappa Society, 9:30 A.M.
June 14,	Wednesday, Meeting of the Alumni Association, 1:30 P.M.
June 14,	Wednesday, Annual Address before the Phi Beta Kappa Society, 4:30 P.M.
June 15,	Thursday, **Forty-first Commencement.**
June 16,	Friday, to September 17, Sunday, Summer Vacation.
September 18,	Monday, **First Semester Begins.**
September 18 and 19,	Monday and Tuesday, Examinations for Admission.
September 19, 20, 21,	Tuesday, Wednesday, Thursday, Registration Days.
September 20,	Wednesday, Supplementary Examinations.
September 21,	Thursday, Class-work begins, 8 A.M.
October 4,	Wednesday, Cleveland Prize Contestants Announced.
November 22,	Wednesday Evening, to November 27, Monday Morning, Thanksgiving Recess.
December 21,	Thursday Evening, to January 1, 1900, Monday Evening, Christmas Recess.

1900.

January 9,	Tuesday, Appointment of Gage Prize Contestants.
January 25,	Thursday, Day of Prayer for Colleges.

January 31,	Wednesday, to February 7, Wednesday, Regular Mid-year Examinations.
February 8,	Thursday, Additional Examinations.
February 9,	Friday, **Second Semester Begins.**
February 12,	Monday, Supplementary Examinations.
February 13, 14, 15,	Tuesday, Wednesday, Thursday, Registration Days.
February 13,	Tuesday, Class-work resumed, 8 A. M.
February 16,	Friday, Cleveland Prize Contest.
April 12,	Thursday Evening, to April 16, Monday Evening, Easter Recess.
April 16,	Monday, Supplementary Examinations.
April 20,	Friday, Gage Prize Contest.
April 28,	Saturday, Last day for the Presentation of Theses for Advanced Degrees.
April 28,	Saturday, Presentation of Dewey Prize Essays and Harris Prize Theses.
May 19,	Saturday, Examination of Candidates for Advanced Degrees.
May 30,	Wednesday, to June 7, Thursday, Regular Examinations.
June 8,	Friday, Additional Examinations.
June 10,	Sunday, Baccalaureate Address.
June 11 and 12,	Monday and Tuesday, Examinations for Admission.
June 12,	Tuesday, Kirk Prize Contest.
June 13,	Wednesday, Annual Meeting of the Phi Beta Kappa Society.
June 13,	Wednesday, Meeting of the Alumni Association.
June 13,	Wednesday, Annual Address before the Phi Beta Kappa Society.
June 14,	Thursday, **Forty-second Commencement.**
June 15,	Friday, to September 16, Sunday, Summer Vacation.
September 17,	Monday, **First Semester Begins.**
September 17 and 18,	Monday and Tuesday, Examinations for Admission.
September 18, 19, 20,	Tuesday, Wednesday, Thursday, Registration Days.
September 19,	Wednesday, Supplementary Examinations.
September 20,	Thursday, Class-work begins, 8 A.M.

1898

JULY.

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1899

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CORPORATION.

OFFICERS.

William Deering,	President.
The Hon. Oliver Harvey Horton, LL.D.,	First Vice-President.
The Hon. H. H. C. Miller, A.M.,	Second Vice-President.
Frank Philip Crandon, A.M.,	Secretary.
George Peck Merrick, L.B.,	Assistant Secretary.
Robert Dickinson Sheppard, D.D.,	Agent and Treasurer.

TRUSTEES.

TERM EXPIRES IN 1899.

The Hon. Oliver Harvey Horton, LL.D.,	Chicago.
William Deering,	Evanston.
The Rev. Frank Milton Bristol, A.M., D.D.,	Washington, D. C.
Mrs. Joseph Cummings,	Evanston.
William Alden Fuller,	Chicago.
James Bartlett Hobbs,	Chicago.
Frank Philip Crandon, A.M.,	Evanston.
The Hon. Lorin Cone Collins, A.M.,	Chicago.
The Hon. William Andrew Dyche, A.M.,	Evanston.

TERM EXPIRES IN 1900.

Robert Dickinson Sheppard, D.D.,	Evanston.
Josiah J. Parkhurst,	Evanston.
Thomas Clarkson Hoag,	Pasadena, Cal.
David McWilliams,	Dwight.
The Rev. Richard Haney, D.D.,	Monmouth.
Nina Grey Lunt,	Evanston.
Gustavus Franklin Swift,	Chicago.
Henry Howard Gage,	Evanston.
The Hon. Lyman Judson Gage,	Washington, D. C.

TERM EXPIRES IN 1901.

Norman Waite Harris,	Chicago.
Nathan Smith Davis, Jr., A.M., M.D.,	Chicago.
*George Henry Foster,	Evanston.

*Deceased.

John Richard Lindgren, - - - - - Evanston.
Alexander Hamilton Revell, - - - Chicago.
The Hon. H. H. C. Miller, A.M., - - - - Evanston.
Charles Busby, - - - - - - Chicago.
The Hon. Elbert Henry Gary, - - - New York City.
Milton Holiday Wilson, - - - - Evanston.

TERM EXPIRES IN 1902.

Edmund Andrews, M.D., LL.D., - - - - Chicago.
Nathan Smith Davis, M.D., LL.D., - - - Chicago.
Henry Sargent Towle, LL.B., - - - - Chicago.
Harlow Niles Higinbotham, - - - Chicago.
John Balderston Kirk, - - - - - Evanston.
Henry Wade Rogers, LL.D., - - - - Evanston.
Burns Derbin Caldwell, - - - - Evanston.
Charles Bowen Congdon, - - - - Evanston.
James Henry Raymond, A.M., - - - - Evanston.

ELECTED BY CONFERENCES.

ROCK RIVER.

The Rev. Amos William Patten, A.M., D.D., - Chicago.
The Rev. John Patrick Brushingham, D.D., - Chicago.

DETROIT.

The Rev. Joseph Flintoft Berry, D.D., - - - Chicago.
The Rev. Arthur Edwards, A.M., D.D., - - Chicago.

CENTRAL ILLINOIS.

The Rev. James William Haney, A.M., D.D., - - Galva.
The Rev. Frank Warren Merrell, Ph.D., - Peoria.

MICHIGAN.

The Rev. George S. Hickey, A.M., D.D., - Detroit, Mich.
The Rev. Alfred Edwin Craig, A.B., B.D., - Albion, Mich.

GENERAL EXECUTIVE COMMITTEE.

William Deering.
Oliver H. Horton, LL.D.
Frank Philip Crandon, A.M.
H. H. C. Miller, A.M.
Henry Wade Rogers, LL.D.
John Richard Lindgren.
Josiah J. Parkhurst.
John Balderston Kirk.
James Henry Raymond, A.M.
William A. Dyche, A.M.
Robert Dickinson Sheppard, A.M.
Henry Howard Gage.
Burns Derbin Caldwell.

STANDING COMMITTEES OF TRUSTEES.

The President of the University is *ex-officio* a member of all the Committees.

Committee on Report of the President of the University—Messrs. RAYMOND, HIGINBOTHAM, EDWARDS and COLLINS.

Committee on Treasurer's Report and Finances and Business Agent's Report—Messrs. KIRK, HARRIS and WILSON.

Committee on College of Liberal Arts—Messrs. MILLER, DR. DAVIS, JR., and PATTEN.

Committee on Medical School—DR. DAVIS, SR., and Messrs. HARRIS and REVELL.

Committee on Law School—Messrs. TOWLE, KIRK, COLLINS and GARY.

Committee on School of Pharmacy—Messrs. DYCHE, FULLER and CALDWELL.

Committee on Dental School—DR. ANDREWS, Messrs. HOBBS and RAYMOND.

Committee on Woman's Medical School—Messrs. DYCHE and GAGE and Miss LUNT.

Committee on Conservatory of Music—Mr. RAYMOND, Miss LUNT and Mr. LINDGREN.

Committee on University Dormitories and Woman's Hall—Mr. CRANDON, Mrs. CUMMINGS and Miss LUNT.

Committee on Academy—Messrs. PARKHURST, SHEPPARD and CRANDON.

Committee on Library—Messrs. BRUSHINGHAM, CRAIG and MERRILL.

Committee on Real Estate—Messrs. WILSON, HOBBS and CONGDON.

Committee on Nomination of Trustees and Officers—Messrs. HORTON, TOWLE, CRANDON, COLLINS and PARKHURST.

Committee on Miscellaneous Matters—Messrs. CALDWELL, J. W. HANEY and BUSBY.

OFFICERS OF INSTRUCTION AND GOVERNMENT.*

HENRY WADE ROGERS, LL.D., *President of the University*, 1958 Sheridan Road, Evanston.

ISAAC ARTHUR ABT, M.D., - - 4008 Grand Boul., Chicago.
Professor of Diseases of Children, Woman's Medical School, and Clinical Instructor in Diseases of Children, Medical School.

FRANK ALPORT, M.D., - - - 92 State St., Chicago.
Professor of Ophthalmology and Otology, Woman's Medical School.

EDMUND ANDREWS, A.M., M.D., LL.D., 65 Randolph St., Chicago.
Professor of Clinical Surgery, Medical School.

EDWARD WYLLYS ANDREWS, A.M., M.D., 65 Randolph St., Chicago.
Professor of Clinical Surgery, Medical School.

FRANK TAYLOR ANDREWS, A.M., M.D., 65 Randolph St., Chicago.
Professor of Clinical Gynecology, Medical School.

KATHERINE LOUISE ANGELL, - 3745 Indiana Ave., Chicago.
Assistant Professor of Bacteriology, Woman's Medical School.

EDWARD HARRY ANGLE, D.D.S., Madison and Franklin Sts., Chicago.
Professor of Orthodontia, Dental School.

CHARLES BEACH ATWELL, PH.M., 1938 Sherman Ave., Evanston.
Professor of Botany and *Registrar in College of Liberal Arts.*

EDOUARD PAUL BAILLOT, B.Sc., 1888 Sheridan Road, Evanston.
Professor of Romance Languages.

ROBERT BAIRD, A.M., - - 2238 Sheridan Road, Evanston.
Professor of the Greek Language and Literature.

MARY MARGARET BARTELME, LL.B., Ft. Dearborn Bldg., Chicago.
Professor of Medical Jurisprudence, Woman's Medical School.

GREENE VARDIMAN BLACK, M.D., D.D.S., - Jacksonville, Ill.
Dean of the Dental School; Professor of Operative Dentistry. Pathology and Bacteriology in Dental School.

---

*The names, except that of the President, are arranged in three alphabetical lists. The first consists of professors, associate professors, and assistant professors; the second, of instructors; and the third, of other officers.

LESTER LE GRAND BOND, - Monadnock Bldg., Chicago.
Lecturer on Trade Marks and Copyrights, Law School.

DANIEL BONBRIGHT, LL.D., - 1838 Chicago Ave., Evanston.
John Evans Professor of the Latin Language and Literature.

CHARLES FREDERICK BRADLEY, A.M., D.D., 1745 Hinman Ave., Evanston. *Professor of New Testament Exegesis, Secretary of Faculty of Garrett Biblical Institute.*

SOLON CARY BRONSON, D.D., - - 720 Foster St., Evanston.
Cornelia Miller Professor of Practical Theology in Garrett Biblical Institute.

DANIEL ROBERTS BROWER, A.M., M.D., 34 Washington St., Chicago.
Professor of Diseases of the Nervous System, Woman's Medical School.

HENRY TRUMAN BYFORD, A.M., M.D., - 100 State St., Chicago.
Clinical Professor of Gynecology, Woman's Medical School.

WILLIAM CALDWELL, A.M., Sc.D., 1503 Hinman Ave., Evanston.
Professor of Moral and Social Philosophy, and Lecturer on Social Philosophy in Garrett Biblical Institute.

RACHEL HICKEY CARR, M.D., - 4725 Kenwood Ave., Chicago.
Professor of Histology in Woman's Medical College.

WILLIAM EVANS CASSELBERRY, M.D., 34 Washington St., Chicago.
Professor of Laryngology and Rhinology, Medical School and Woman's Medical School.

ARCHIBALD CHURCH, M.D., - - 805 Pullman Bldg., Chicago.
Professor of Clinical Neurology and Mental Diseases and Medical Jurisprudence, Medical School.

J. SCOTT CLARK, A.M., - - - 1636 Chicago Ave., Evanston.
Professor of the English Language.

GEORGE ALBERT COE, PH.D., - 620 University Place, Evanston.
John Evans Professor of Moral and Intellectual Philosophy, Secretary of Faculty of College of Liberal Arts.

SARAH ELIZABETH COE, - 620 University Place, Evanston.
Instructor of Piano and Musical History.

WILLIAM Z. COLE, - - - - 3529 Ellis Ave., Chicago.
Instructor of Flute.

HENRY COHN, A.M., - - - 610 Lake St., Evanston.
Assistant Professor of German.

JEAN MOTTRAM COOKE, M.D., - 1812 Melrose Ave., Chicago.
Professor of Clinical Pathology, Woman's Medical School.

HENRY CREW, PH.D., - - - 627 Hamline St., Evanston.
Professor of Physics.

IRA BEATTY CRISSMAN, D.D.S., - 271 North Clark St., Chicago.
Professor of Hygiene and Ethics, Dental School.

ALJA ROBINSON CROOK, PH.D., 1914 Sheridan Road, Evanston.
Professor of Mineralogy and Petrology.

ROBERT MCLEAN CUMNOCK, A.M., 1804 Hinman Ave., Evanston.
Professor of Rhetoric and Elocution.

GEORGE OLIVER CURME, - 2237 Sherman Ave., Evanston.
Professor of Germanic Philology.

FRANK BURETT DAINS, PH.D., - 2421 Dearborn St., Chicago.
Assistant Professor of Chemistry, Schools of Medicine and Pharmacy.

ISAAC NEWTON DANFORTH, A.M., M.D., - 70 State St., Chicago.
Professor of Principles and Practice of Medicine, and Clinical Medicine, Dean of Woman's Medical School.

NATHAN SMITH DAVIS, A.M., M.D., LL.D., 65 Randolph St., Chicago.
Emeritus Professor of the Principles and Practice of Medicine and of Clinical Medicine.

NATHAN SMITH DAVIS, JR., A.M., M.D., 65 Randolph St., Chicago.
Professor of Principles and Practice of Medicine and of Clinical Medicine, and Secretary of the Faculty, Medical School.

DAVID LAKE DAVOLL, JR., SC.B., PH.C., 2421 Dearborn St., Chicago.
Assistant Professor of Applied Pharmaceutical Chemistry, School of Pharmacy.

JOSEPH BOLIVAR DELEE, M.D., - 3118 Indiana Ave., Chicago.
Professor of Obstetrics, Medical School.

RICHARD DEWEY, M.D., - - 34 Washington St., Chicago.
Clinical Professor of Mental Diseases, Woman's Medical School.

EMILIUS CLARK DUDLEY, A.M., M.D., 1617 Indiana Ave., Chicago.
Professor of Gynecology, Medical School.

WILLIAM THOMAS ECKLEY, M.D., Madison and Franklin Sts., Chicago.
Professor of Anatomy, Dental School and Woman's Medical School.

ARTHUR ROBBIN EDWARDS, A.M., M.D., - 103 State St., Chicago.
Professor of the Principles and Practice of Medicine and Clinical Medicine, Medical School, and Professor of Pathology, Dental School.

ALBERT ERICSON, A.M., - 2306 Orrington Ave., Evanston.
President of Swedish Theological Seminary, and Instructor in the Swedish Language in College of Liberal Arts.

CHRISTIAN FENGER, M.D., - - 269 LaSalle Ave., Chicago.
Professor of Surgery and Clinical Surgery, Medical School and Woman's Medical School.

HERBERT FRANKLIN FISK, A.M., D.D., 1625 Judson Ave., Evanston. *Professor of Pedagogics.*

EDWARD ALSOP FLOWERS, D.V.S., M.D., Madison and Franklin Sts., Chicago. *Professor of Comparative Anatomy, Dental School.*

THOMAS LEWIS GILMER, M.D., D.D.S., 55 Thirty-third St, Chicago. *Professor of Oral Surgery, Medical School.*

HENRY GRADLE, M.D., - - - 100 State St., Chicago. *Professor of Ophthalmology and Otology, Medical School.*

JOHN HENRY GRAY, PH.D., - - 621 Foster St., Evanston. *Professor of Political and Social Science.*

PETER STENGER GROSSCUP, A.M., LL.B., LL.D., Monadnock Blk., Chicago. *Dean of Law School.*

KARLETON HACKETT, - - - Kimball Hall, Chicago. *Instructor in Voice Culture.*

VERNON JAMES HALL, M.S., PH.D., - 163 Randolph St., Chicago. *Professor of Chemistry, Dental School and Woman's Medical School.*

WINFIELD SCOTT HALL, PH.D., M.D., 2431 Dearborn St., Chicago. *N. S. Davis Professor of Physiology in Medical School.*

ALBERT EDWARD HALSTEAD, M.D., - - 103 State St., Chicago. *Assistant Professor of Surgery and Acting Professor of Anatomy, Medical School.*

ALICE HAMILTON, M.D., - - 335 S. Halsted St., Chicago. *Professor of Pathology and Director of the Histological and Pathological Laboratories, Woman's Medical School.*

WILLIAM EDWARD HARPER, D.D.S., 3456 Wabash Ave., Chicago. *Professor of Operative Technics, Dental School.*

EDWARD AVERY HARRIMAN, - 711 Masonic Temple., Chicago. *Professor of Law, Secretary, Law School.*

HUBBARD WILLIAM HARRIS, - 2118 Clarendon Ave., Chicago. *Instructor of Piano, Organ, and Harmony.*

NORMAN DWIGHT HARRIS, PH.B., 1719 Hinman Ave., Evanston. *Instructor in History.*

JAMES TAFT HATFIELD, PH.D., - 1914 Orrington Ave., Evanston. *Professor of the German Language and Literature.*

MARCUS PATTEN HATFIELD, A.M., M.D., Columbus Memorial Bldg., Chicago. *Emeritus Professor of Diseases of Children, Medical School.*

DOREMUS ALMY HAYES, S.T.B., PH.D., 718 Emerson St., Evanston. *Professor of English Exegesis in Garrett Biblical Institute.*

JAMES BRYAN HERRICK, A.B., M.D., 751 Warren Ave., Chicago. *Professor of Clinical Medicine, Woman's Medical School.*

THOMAS FRANKLIN HOLGATE, PH.D., 617 Hamline St., Evanston.
Professor of Applied Mathematics.

CHARLES HORSWELL, B.D., PH.D., - 715 Church St., Evanston.
Professor of Hebrew Language and Literature, and Registrar in Garrett Biblical Institute, and Professor of Hebrew in College of Liberal Arts.

JOHN HAMILCAR HOLLISTER, A.M., M.D., 36 Washington St., Chicago.
Professor Emeritus of Clinical Medicine, Medical School.

GEORGE WASHINGTON HOUGH, LL.D., 2237 Sheridan Rd., Evanston.
Professor of Astronomy and Director of Dearborn Observatory.

UNA HOWELL, - - - - Sherman Ave., Evanston.
Instructor of Piano.

HARVEY BOSTWICK HURD, LL.D., - 96 Washington St., Chicago.
Professor of Law, Law School.

RALPH NELSON ISHAM, A.M., M.D., - 321 Dearborn Ave., Chicago.
Emeritus Professor of Surgery and Clinical Surgery, Medical School.

WALTER KELLAR, - - - 312 W. 13th Place, Chicago.
Instructor of Piano.

JAMES ALTON JAMES, PH.D., - 1120 Hinman Ave., Evanston.
Professor of the History of Continental Europe.

FRANK SEWARD JOHNSON, A.M., M.D., - 2521 Prairie Ave., Chicago.
Professor of Pathology and Pathological Anatomy and Dean of Medical School.

JOHN DAVIS KALES, M.D., - - 65 Randolph St., Chicago.
Professor of General Etiology and Hygiene, Medical School.

CHARLES S. KING, - - - 887 Fulton St., Chicago.
Instructor of Clarionet.

HAROLD EVERARD KNAPP, - - 218 Lunt Ave., Chicago.
Instructor of Violin.

WILLIAM HENRY KNAPP, - - Ayres Court, Evanston.
Instructor in Voice Culture.

BLEWETT LEE, A.M., LL.B., 406 First National Bank Bldg., Chicago.
Professor of Law, Law School.

CHARLES JOSEPH LITTLE, PH.D., LL.D., 2016 Sheridan Rd., Evanston.
Professor of Historical Theology and President of Garrett Biblical Institute.

WILLIAM ALBERT LOCY, PH.D., - 2031 Sherman Ave., Evanston.
Professor of Zoölogy.

WALTER GEORGE LOGAN, - 1639 Orrington Ave., Evanston.
Instructor of Violin.

JOHN HARPER LONG, Sc.D., - - 7748 Sangamon St., Chicago.
Professor of Chemistry and Director of the Chemical Laboratories of Medical and Pharmaceutical Schools.

PETER CHRISTIAN LUTKIN, A.G.O., 1724 Asbury Ave., Evanston.
Professor of Music.

JULIAN WILLIAM MACK, LL.B., 915 Stock Exchange Bldg., Chicago.
Professor of Law, Law School.

*OLIVER MARCY, LL.D., - - 1703 Chicago Ave., Evanston.
William Deering Professor of Geology, Curator of Museum, and Dean of College of Liberal Arts.

JOHN S. MARSHALL, M.D., - - Venetian Bldg., Chicago.
Professor Emeritus of Oral Surgery, Medical School.

ARTHUR ELON MATTESON, D.D.S., 3700 Cottage Grove Ave., Chicago.
Professor of Orthodontia, Medical School.

THEO. MENGES, B.Sc., D.D.S., Madison and Franklin Sts., Chicago.
Professor of Physics, Secretary of Faculty, Dental School.

MARIE JOSEPHA MERGLER, M.D., - - 100 State St., Chicago.
Professor of Gynecology and Clinical Gynecology, and Secretary in Woman's Medical School.

*EDWARD CRANE MILLER, M.D., - 3035 South Park Ave., Chicago.
Professor of Practical Anatomy, Woman's Medical School, and Demonstrator of Anatomy, Medical School.

MAURICE ASHBEL MINER, PHARM.M., 6446 Lexington Ave., Chicago.
Assistant Professor of Pharmacy, School of Pharmacy.

WILLIAM EDWARD MORGAN, M.D., 3000 Michigan Ave., Chicago.
Professor of Surgical Anatomy and Operative Surgery, and Lecturer on Clinical Surgery, Medical School.

MARY HARRIOTT NORRIS, A.M., - Woman's Hall, Evanston.
Dean of Women, and Assistant Professor of English Literature.

EDMUND NOYES, D.D.S., - 1109 Stewart Bldg., Chicago.
Professor of Dental Jurisprudence, Dental School.

FREDERICK BOGUE NOYES, D.D.S., - 2421 Dearborn St., Chicago.
Professor of Dental Histology.

OSCAR OLDBERG, PHARM.D., - 2421 Dearborn St., Chicago.
Dean of School of Pharmacy, Professor of Pharmacy, Woman's Medical School.

JOHN EDWIN OWENS, M.D., - - 1806 Michigan Ave., Chicago.
Professor of Surgery and Clinical Surgery, Medical School.

HUGH TALBOT PATRICK, M.D., - 465 LaSalle Ave., Chicago.
Associate Professor of Nervous Diseases, Medical School.

---

*Deceased.

CHARLES WILLIAM PEARSON, A.M., 1930 Sheridan Rd., Evanston. *Professor of English Literature.*

ADELBERT HENRY PECK, M.D., D.D.S., Madison and Franklin Sts., Chicago. *Professor of Special Materia Medica and Therapeutics, Dental School.*

SAMUEL CRAIG PLUMMER, JR., A.M., M.D., 4304 Lake Ave., Chicago. *Associate Professor of Operative Surgery, and Instructor in Clinical Surgery, Medical School.*

JAMES HARRISON PROTHERO, D.D.S., 2421 Dearborn St., Chicago. *Professor of Clinical Operative Dentistry, and Superintendent of Infirmary, Medical School.*

JOHN QUINN, - - - - 6502 Monroe Ave., Chicago. *Instructor of Cornet.*

WILLIAM EDWARD QUINE, M.D., - - 103 State St., Chicago. *Emeritus Professor of Physiology, Therapeutics, and Toxicology, School of Pharmacy.*

JOHN RIDLON, A.M., M.D., - - 103 State St., Chicago. *Corresponding Secretary, Professor of Orthopedic Surgery, Woman's Medical School, and Professor of Orthopedic Surgery, Medical School.*

EDWARD O. F. ROLER, A.M., M.D., - Lexington Hotel, Chicago. *Emeritus Professor of Obstetrics, Medical School.*

ELIZA HANNAH ROOT, M.D., - 489 W. Monroe St., Chicago. *Professor of Obstetrics and Clinical Obstetrics, Woman's Medical School.*

FREDERICK CHRISTIAN SCHAEFER, M.D., - 70 State St., Chicago. *Professor of Clinical Surgery, Medical School.*

ALBERT SCHNEIDER, PH.D., M.D., - 2421 Dearborn St., Chicago. *Professor of Botany, Materia Medica, and Pharmacognosy, School of Pharmacy.*

GEORGE W. SCHWARTZ, M.D., D.D.S., Madison and Franklin Sts., Chicago. *Professor of Porcelain Dental Art, Dental School.*

JOHN ADAMS SCOTT, PH.D., - 2130 Orrington Ave., Evanston. *Assistant Professor of Greek.*

NATHANIEL CLINTON SEARS, - - Ashland Bldg., Chicago. *Professor of Law.*

ROBERT DICKENSON SHEPPARD, A.M., D.D., Sheridan Rd., Evanston. *Professor of American and English History.*

NELS EDWARD SIMONSEN, A.M., D.D., 1830 Sherman Ave., Evanston. *Principal of the Norwegian and Danish Theological School, and Instructor in Norwegian and Danish.*

LEONARD LAWSHE SKELTON, A.M., M.D., - 70 State St., Chicago.
Professor of Physiology, Woman's Medical School.

KATHERINE SLATER, M.D., - - - - Aurora, Ill.
Acting Professor of Hygiene, Woman's Medical School.

EDWIN BURRITT SMITH, L.L.M., - 201 First National Bank Bldg., Chicago. *Professor of Law.*

HORACE MANN STARKEY, M.D., - - 70 State St., Chicago.
Professor of Clinical Ophthalmology and Otology, Medical School.

SARAH HACKETT STEVENSON, M.D., 15 Washington St., Chicago.
Associate Professor of Obstetrics and of the Ethics and History of Medicine, Woman's Medical School.

CHARLES MACAULAY STUART, D.D., 722 Emerson St., Evanston.
Professor of Sacred Rhetoric in Garrett Biblical Institute.

EUGENE SOLOMON TALBOT, M.D., D.D.S., 103 State St., Chicago.
Professor of Oral Surgery, Woman's Medical School.

MILTON SPENSER TERRY, A.M., D.D., LL.D., 1814 Hinman Ave., Evanston. *Professor of Christian Doctrine in Garrett Biblical Institute, and Lecturer on the Bible in College of Liberal Arts.*

LOUIS THEXTON, - - 1178 Washington Boul., Chicago.
Assistant Professor of Anatomy, Woman's Medical School.

ELIZABETH TROUT, M.D., - - 1025 Warren Ave., Chicago.
Assistant Professor of Diseases of Nervous System, Woman's Medical School.

WELLER VAN HOOK, A.B., M.D., - 103 State St., Chicago.
Professor of Surgery and Clinical Surgery, Medical School; Professor of Surgery, Woman's Medical School.

BERTHA VANHOOSEN, A.M., M.D., 489 East Forty-second St., Chicago.
Professor of Embryology, Woman's Medical School.

FRANZ WAGNER, - - - 90 Evanston Ave., Chicago.
Instructor of Violoncello.

THOMAS JAMES WATKINS, M.D., - 93 E. Eighteenth St., Chicago.
Assistant Professor of Gynecology, Medical School.

GEORGE WASHINGTON WEBSTER, M.D., - 70 State St., Chicago.
Professor of Physical Diagnosis, Medical School.

FRANKLIN CHAMBERLAIN WELLS, M.D., 359 Warren Ave., Chicago.
Professor of Materia Medica, Woman's Medical School.

HENRY SEELY WHITE, PH.D., - 619 University pl., Evanston.
Noyes Professor of Pure Mathematics.

TWING BROOKS WIGGIN, M.D., - 3106 Rhodes Ave., Chicago.
Professor of Physiology, Dental School.

JOHN HENRY WIGMORE, A.M., LL.B., 1625 Hinman Ave., Evanston.
Professor of Law.

ELBERT WING, A.M., M.D., - 55 Thirty-third St., Chicago.
Professor of Nervous Diseases, Medical School.

ABRAM VAN EPS YOUNG, PH.B., - 1714 Hinman Ave., Evanston.
Professor of Chemistry.

JOSEPH ZEISLER, M.D., - - - 100 State St., Chicago.
Professor of Skin Diseases, Medical School, and Professor of Dermatology, Woman's Medical School.

INSTRUCTORS AND ASSISTANTS.

LOUISE ACRES, M.D., - - 960 Jackson Blvd., Chicago.
Instructor in Gynecology, Woman's Medical School.

JOHN JEREMIAH AHERN, - - 3851 State St., Chicago.
Instructor in Clinical Laryngology and Rhinology, Medical School.

LODILLA AMBROSE, PH.M., - 2024 Orrington Ave., Evanston.
Assistant Librarian, College of Liberal Arts.

JOSEPH BARNES BACON, M.D., - - 103 State St., Chicago.
Clinical Instructor in Gynecology, Medical School.

JOHN MARSHALL BEFFEL, M.S., M.D., - 2431 Dearborn St., Chicago.
Demonstrator of Pathological Histology, Medical School.

FREDERICK BESLEY, M.D., - 1070 E. Sixty-first St., Chicago.
Assistant to chair of Surgery, Woman's Medical School.

ANDREW JACKSON BRISLEN, M.D., - 614 E. Forty-sixth St., Chicago.
Assistant Demonstrator of Anatomy, Medical School.

OTTO BUDDE, M.D., - - - 3100 State St., Chicago.
Clinical Assistant in Laryngology, Medical School.

COLEMAN GRAVES BUFORD, M.D., - 269 LaSalle Ave., Chicago.
Instructor in Clinical Surgery, Medical School.

PETER THOMAS BURNS, M.D., - 531 S. Leavitt St., Chicago.
First Assistant Demonstrator of Anatomy, Medical School.

JOHN GAILEY CAMPBELL, A.B., M.D., 6857 Wentworth av., Chicago.
Assistant Demonstrator of Anatomy, Medical School.

ANN ESTELLE CARAWAY, PH.B., - 1509 Chicago Ave., Evanston.
Assistant in German.

EDWARD P. CARLTON, B.S., - - 2431 Dearborn St., Chicago.
Assistant Demonstrator of Histology, Medical School.

SHERMAN HARRISON CHAMPLIN, - 1002 W. Madison St., Chicago.
Instructor in Surgery, Woman's Medical School.

HENRY WILLIAM CHENEY, M.D., - 372 E. Sixty-third St., Chicago.
Instructor in Anatomy, Medical School.

EDGAR PUMPHREY COOK, JR., Ph.B., M.D., 284 Lincoln Ave., Chicago.
Instructor in Practical and in Clinical Medicine, Medical School.

NORA SOULE DAVENPORT, M.D., - 446 W. Congress St., Chicago.
Instructor of Diseases in Chest and Throat, Woman's Medical School.

MARY DOWIATT, M.D., - - - 833 W. 18th St., Chicago.
Clinical Assistant to the Chair of Nervous Diseases, Woman's Medical School.

ELIZABETH DUNN, M.D., - - 5624 Ellis Ave., Chicago.
Clinical Assistant to the Chair of Nervous Diseases, Woman's Medical School.

EDWARD PARISH FORD, M.D., - 1000 Warren Ave., Chicago.
Assistant Demonstrator of Anatomy, Medical School.

EDSON BRADY FOWLER, A.B., M.D., - 3505 Indiana Ave., Chicago.
Instructor in Clinical Medicine, Medical School.

VICTOR S. FRANKENSTEIN, M.D., - 3505 Indiana Ave., Chicago.
Assistant Demonstrator of Anatomy, Medical School.

MARY FREEMAN, A.M., - Woman's Hall, Evanston.
Instructor in French.

JAMES CORNELIUS GILL, M.D., - 34 Washington St., Chicago.
Instructor in Diseases of the Nervous System, Woman's Medical School.

EDWIN ALMIRON GREENLAW, A.M., 1112 Benson Ave., Evanston.
Instructor in English and Literature.

SAMUEL DEBENHAM GLOSS, B.S., - 1919 Sherman Ave., Evanston
Assistant in Chemistry.

GUY AUBRIE GOWEN, M.D., - 2604 Wallace St., Chicago.
Instructor in Clinical Neurology, Medical School.

FREDERICK R. GREEN. M.A., M.D., - 11 Congress St., Chicago.
Instructor in Clinical Surgery, Medical School.

ALFRED MARVIN HALL, A.M., M.D., - 70 State St., Chicago.
Instructor in Clinical Ophthalmology and Otology, Medical School.

WINFIELD SCOTT HARPOLE, M.D., 4238 St. Lawrence Ave., Chicago.
Instructor in Surgery, Woman's Medical School, and in Clinical Medicine, Medical School.

NORMAN DWIGHT HARRIS, Ph.B., 1719 Hinman Ave., Evanston.
Instructor in History.

ROBERT HATFIELD HARVEY, M.D., - 2431 Dearborn St., Chicago.
Curator of the Museum, Medical School.

WILLIAM HESSERT, M.D., - - 100 State St., Chicago.
Instructor in Pathology, Medical School.

CHARLES HILL, M.S., - - 1105 Ayars Pl., Evanston.
Teaching Fellow in Zoölogy.

PHILO LEON HOLLAND, M.D., Twenty-second St. and Wabash Ave., Chicago. *Instructor in Clinical Neurology, Medical School.*

CHARLES MARVIN HOLLISTER, A.B., M.D., 318 Dempster St., Chicago.
Instructor Physical Culture.

MARY CAROLINE HOLLISTER, M.D., 31 Washington St., Chicago.
Instructor in Ophthalmology and Otology, Woman's Medical School.

WILLIAM KILBOURNE JAQUES, PH.M., M.D., 4334 Ellis Ave., Chicago.
Instructor in Physiology, Medical School.

JANE M. KELSEY, M.D., - 217 N. Center Ave., Chicago.
Assistant in the Department of Diseases of Children, Woman's Medical School.

HERBERT GOVERT KEPPEL, A.M., 1914 Orrington Ave., Evanston.
Instructor in Mathematics.

FRANK MARION KINDIG, M.D., - 2136 Indiana Ave., Chicago.
Clinical Instructor in Diseases of Children, Medical School.

THEODORE JAMES KNUDSON, M.D., 4713 Indiana Ave., Chicago.
Assistant Demonstrator of Anatomy, Medical School.

HENRY LEDAUM, A.B., - 1916 Maple Ave., Evanston.
Instructor in French.

* ALICE LOIS LINDSAY, M.D., 949 W. Harrison St., Chicago.
Clinical Assistant to Chair of Nervous Diseases and Assistant Demonstrator in Anatomy, Woman's Medical School.

CHARLES DANIEL LOCKWOOD, A.B., M.D., 126 State St., Chicago.
Instructor in Clinical Surgery, Medical School.

OMERA FLOYD LONG, PH.D., - 1740 Orrington Ave., Evanston.
Instructor in Latin.

WILLIAM ALFRED MANN, M.D., - 70 State St., Chicago.
Clinical Instructor in Ophthalmology and Otology, Medical School.

THOMAS CHARLES MCGONAGLE, M.D., 5504 S. Halsted St., Chicago.
Assistant Demonstrator of Anatomy, Medical School.

JOHN AMBROSE MCKINLEY, M.D., 695 Montrose Ave., Chicago.
Instructor in Clinical Surgery, Medical School.

---

* Absent on leave, 1898–'99.

FREDERICK MENGE, M.D., - 154 Forty-second St., Chicago.
Clinical Instructor in Laryngology and Rhinology, Medical School.

MAY MICHAEL, M.D., - 523 W. Monroe St., Chicago.
Assistant in the Department of Diseases of Children, Woman's Medical School.

CHARLES HENDERSON MILLER, PH.G., 2431 Dearborn St., Chicago.
Instructor in Chemistry, Medical School.

JOSEPH LEGGETT MILLER, B.S., M.D., 35 E. Twenty-second St., Chicago. *Demonstrator of Bacteriology, Medical School.*

CHARLES LOUIS MIX, A.M., M.D., 3058 Calumet Ave., Chicago.
Instructor in Anatomy, and in Clinical Neurology, Medical School.

PAUL FREDERICK MORE, M.D., - 51 Clybourn Ave., Chicago.
Assistant Demonstrator of Anatomy, Medical School.

ANNA NEIGLICK, M.S., - 1205 Waveland Ave., Chicago.
Assistant in Zoölogy.

GRACE OSBORNE, M.D., - - 100 State St., Chicago.
Lecturer on Hygiene and Clinical Assistant to the Chair of Medicine, Woman's Medical School.

LUCIUS CROCKER PARDEE, M.D., 34 Washington St., Chicago.
Instructor in Clinical Dermatology and Syphilology, Medical School.

RUPERT MERRILL PARKER, B.S., M.D., 3505 Indiana Ave., Chicago.
Instructor in Clinical Surgery, Medical School.

CHARLES WAGGENER PATTERSON, PH.C., 194 Thirty-seventh St., Chicago. *Instructor in Dispensing, School of Pharmacy.*

JOHN LINCOLN PORTER, M.D., - 103 State St., Chicago.
Clinical Assistant in Orthopedic Surgery, Medical School.

ROBERT BRUCE PREBLE, A.B., M.D., 1907 Deming Court., Chicago.
Instructor in Practical and in Clinical Medicine, Medical School.

INGEBORG RASMUSSEN, M.D., - 372 W. Ohio St., Chicago.
Clinical Assistant to the Chair of Diseases of Chest and Throat, Woman's Medical School.

HARRY MORTIMER RICHTER, M.D., 6559 Cottage Grove Ave., Chicago.
Instructor in Pharmacology, Medical School.

CLARENCE H. ROBINSON, M.A., 2031 Sherman Ave., Evanston.
Assistant in Zoölogy.

DANIEL WESTON ROGERS, A.B., M.D., 2204 Michigan Ave., Chicago.
Assistant Demonstrator of Anatomy, Medical School.

WILLIAM HENRY RUMPF, M.D., - 2006 Indiana Ave., Chicago.
Clinical Instructor in Gynecology, Medical School.

HELGA RUND, M.D., - - 281 Warren Ave., Chicago.
Clinical Instructor in Obstetrics, Woman's Medical School.

LOUIS ERNEST SCHMIDT, B.S., M.D., Schiller Bldg., Chicago.
Instructor in Clinical Dermatology and Syphilology, Medical School.

OTTO LEOPOLD SCHMIDT, - - Schiller Bldg., Chicago.
Instructor in Practical Medicine, Medical School.

WILLIAM EDWARD SCHROEDER, M.D., 4323 Prairie Ave., Chicago.
Instructor in Surgery and Clinical Surgery, Medical School.

EMMA SIGEL, M.D., - - - 100 State St., Chicago.
Instructor in Venereal Diseases, Woman's Medical School.

AMOS RUFUS SOLENBERGER, PH.D., M.D., 34 Washington St., Chicago. *Clinical Instructor in Laryngology and Rhinology, Medical School.*

HORACE SNYDER, PH.D., - 630 University Pl., Evanston.
Instructor in Physics.

VALBORG SOGN, M.D., - 34 Washington St., Chicago.
Instructor in Gynecology, Woman's Medical School.

WILLIAM G. STEARNS, M.D., - - - Kankakee, Ill.
Instructor in Mental Diseases, Medical School.

HENRY FREEMAN STECKER, PH.D., 1026 Ayars Ct., Evanston.
Instructor in Mathematics.

FRANCIS GURNEY STUBBS, A.M., M.D., 92 State St., Chicago.
Instructor in Clinical Medicine, Medical School.

STANNIE M. SUTTLES, M.D., - 1245 Jackson Boul., Chicago.
Assistant to Chair of Clinical Medicine, Woman's Medical School.

ANNABEL CLEVELAND TEST, A.B., M.D., 4401 Indiana av., Chicago.
Demonstrator of Physiology, Woman's Medical School.

CHARLES TODD, M.D., - 3305 Cottage Grove Ave., Chicago.
Instructor in Clinical Neurology, Medical School.

JOHN LE ROY VAN VALKENBURG, M.D., 4001 Drexel Boul., Chicago.
Instructor in Clinical Medicine, Medical School.

SAMUEL JOHNSON WALKER, B.A., M.D., 34 Washington St., Chicago.
Instructor in Clinical Neurology, Medical School.

FRANCIS XAVIER WALLS, M.D., - 103 State St., Chicago.
Instructor in Clinical Pediatrics, Medical School.

CHARLES FREDERICK WEIR, M.S., M.D., 6300 Stewart Ave., Chicago.
Instructor in Anatomy, Medical School.

ROSE WILLARD, M.D., - 31 Washington St., Chicago.
Chief Clinical Assistant in Gynecology, Woman's Medical School.

WILLIAM LOUIS WILSON, M.S., M.D., 5501 Monroe Ave., Chicago.
Instructor in Clinical Medicine, Medical School.

JOSEPHINE ESTABROOK YOUNG, M.D., 71 Park Ave., Chicago.
Instructor in Practical and Clinical Medicine, Woman's Medical School.

OTHER OFFICERS.

MARTHA M. CROFUT, - - 333 S. Lincoln St., Chicago.
Clerk, Woman's Medical School.

JESSIE GILMAN HALL, - - 6618 Ellis Ave., Chicago.
Clerk in the School of Pharmacy.

HIRAM PORTER HENDRICKS, - 2421 Dearborn St., Chicago.
Clerk, Medical School.

HATTIE SWAN HIGGINS, - 1407 Dunning St., Chicago.
Secretary to the President and to the Registrar, College of Liberal Arts.

JOHN HOLLINGSHEAD, - - 522 Davis St., Evanston.
Clerk in Business Office.

MARY FLORENCE LONG, - - 1316 Judson Ave., Evanston.
Clerk in Business Office and Secretary to the Business Agent.

OLIVIA MAY MATTISON, Ph.B., . Chicago Ave., Evanston.
Assistant in Library.

ANNIE WORTHERSPOON PATTERSON, - Woman's Hall, Evanston.
Matron, Woman's Hall.

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Marie Josepha Mergler, M.D.
Sarah Hackett Stevenson, M.D.

*Deceased.

NORTHWESTERN UNIVERSITY.

The University comprises the following degree-conferring departments, each having a distinct Faculty of Instruction:

THE COLLEGE OF LIBERAL ARTS,
THE MEDICAL SCHOOL,
THE LAW SCHOOL,
THE SCHOOL OF PHARMACY,
THE DENTAL SCHOOL,
THE WOMAN'S MEDICAL SCHOOL,
THE SCHOOL OF MUSIC,
THE SCHOOLS OF THEOLOGY.

The departments of the University are situated in Chicago and Evanston, Illinois. The Schools of Medicine, Law, Pharmacy, and Dentistry are established in the former place because of the advantages which a great city affords to those engaged in professional study. The College of Liberal Arts is established in Evanston because of the advantages to be derived from carrying on undergraduate study in a place somewhat removed from the distractions of a large city. The School of Music is also established in Evanston and in close proximity to the College of Liberal Arts. Evanston is the most beautiful suburb of Chicago. It is situated on the shore of Lake Michigan, twelve miles from the center of the city, is tastefully laid out, and is in all respects a model university town. Its population numbers twenty-five thousand. The charter of the University prohibits the sale of intoxicating liquors within four miles of the University. This provision of the charter is strictly enforced within the city of Evanston. As a result, the place is unusually free from immoral influences. The intelligence and sobriety of the community and the excellent social privileges offered materially aid the University in its work of education.

ORGANIZATION AND GOVERNMENT.

A meeting to consider the project of founding a university in the vicinity of Chicago was held in that city on May 31, 1850. It was unanimously resolved that "the interests of Christian learning demand the immediate establishment of a University in the Northwest," and a committee was thereupon appointed to secure a charter from the General Assembly of Illinois. The movement met with success, and a charter was obtained which was approved by the Governor on January 28, 1851. It was not, however, until June, 1853, that a President of the University was appointed.

The College of Liberal Arts was the first department of the University to be organized, and was formally opened in November, 1855. The Medical School was established in connection with the University in 1869, the Law School in 1873, the School of Pharmacy in 1887, the Dental School in 1888, the Woman's Medical School in 1892, and the School of Music in 1895. The Garrett Biblical Institute was adopted as the Theological School of the University.

The government of the University is committed to a Board of forty-four Trustees. This board has the power of electing professors and instructors, managing the property of the corporation, and determining the general policy of the institution. It delegates certain powers to subordinate boards:

First—To the Executive Committee, which has power to conduct and manage the business of the institution during the intervals between the meetings of the Trustees.

Second—To the faculties of the institution under their control, to which is committed the regulation of the instruction and discipline of the several schools, subject to the action of the Trustees and of the Executive Committee.

UNIVERSITY CHARTER.

The charter granted to the University, in 1851, reads as follows:

SECTION I. *Be it enacted by the People of the State of Illinois, represented in the General Assembly:* That Richard Haney, Philo Judson, S. P. Keyes, and A. E. Phelps, and such persons as shall be appointed by the Rock River Annual Conference of the Methodist Episcopal Church to succeed them in the said office; Henry Summers, Elihu Springer, David Brooks, and Elmore Yocum, and such persons as shall be appointed by the Wisconsin Annual Conference of said church to succeed them; four individuals, if chosen, and such persons as shall be appointed to succeed them by the Michigan Annual Conference of said church; four individuals, if chosen, and such persons as shall be appointed to succeed them by the North Indiana Annual Conference of said church; H. W. Reed, I. I. Stewart, D. N. Smith, and George M. Teas, and such persons as shall be appointed to succeed them by the Iowa Annual Conference of said church; four individuals, if chosen, and such persons as shall be appointed to succeed them by the Illinois Annual Conference of said church; A. S. Sherman, Grant Goodrich, Andrew J. Brown, John Evans, Orrington Lunt, J. K. Botsford, Joseph Kettlestrings, George F. Foster, Eri Reynolds, John M. Arnold, Absalom Funk, and E. B. Kingsley, and such persons, citizens of Chicago or its vicinity, as shall be appointed by the Board of Trustees hereby constituted to succeed them, be, and they are hereby created and constituted a body politic and corporate, under the name and title of the *Trustees of the Northwestern University*, and henceforth shall be styled and known by that name, and by that name and style to remain and have perpetual succession, with power to sue and be sued, plead and be impleaded, to acquire, hold and convey property, real, personal, or mixed, in all lawful ways; to have and use a common seal and to alter the same at pleasure; to make and alter from time to time such by-laws as they may deem necessary for the government of said institution, its officers and servants, provided such by laws are not inconsistent with the constitution and laws of this State and of the United States, and to confer on such persons as may be considered worthy such academical or honorary degrees as are usually conferred by similar institutions.

SECTION II. The term of office of said Trustees shall be four years, but that of one member of the Board for each conference enjoying the appointing power by this act, and the term of three of the members whose successors are to be appointed by the Board

hereby constituted, shall expire annually; the term of each member of the Board herein named to be fixed by lot at the first meeting of said Board, which Board shall, in manner above specified, have perpetual succession, and shall hold the property of said institution solely for the purposes of education, and not as a stock for the individual benefit of themselves or any contributor to the endowment of the same; and no particular religious faith shall be required of those who become students at the institution. Nine members shall constitute a quorum for the transaction of any business of the Board, except the appointment of President or Professor, or the establishment of chairs in said institution, and the enactment of by-laws for its government, for which the presence of a majority of the Board shall be necessary.

SECTION III. Said Annual Conferences of the Methodist Episcopal Church, under whose control and patronage said University is placed, shall each also have the right to appoint annually two suitable persons, members of their own body, visitors to said University, who shall attend the examination of students, and be entitled to participate in the deliberations of the Board of Trustees, and enjoy all the privileges of members of said Board except the right to vote.

SECTION IV. Said institution shall remain located in or near the City o Chicago, Cook County, and the corporators and their successors shall be competent in law or equity to take to themselves, in their said corporate name, real, personal, or mixed estate, by gift, grant, bargain and sale, conveyance, will, devise, or bequest of any person or persons whomsoever; and the same estate, whether real, personal, or mixed, to grant, bargain, sell, convey, devise, let, place out at interest, or otherwise dispose of the same for the use of said institution in such manner as to them shall seem most beneficial to said institution. Said corporation shall faithfully apply all the funds collected or the proceeds of the property belonging to the said institution, according to their best judgment, in erecting and completing suitable buildings, supporting necessary officers, instructors, and servants, and procuring books, maps, charts, globes, and philosophical, chemical, and other apparatus necessary to the success of the institution, and do all other acts usually performed by similar institutions that may be deemed necessary or useful to the success of said institution, under the restrictions herein imposed: *Provided*, nevertheless, that in case any donation, devise, or bequest shall be made for particular purposes accordant with the design of the institution, and the corporation shall accept the same, every such donation, devise, or bequest shall be applied in conformity with the express conditions of the donor or devisor: *Provided, further*, that said corporation

shall not be allowed to hold more than two thousand acres of land at any one time unless the said corporation shall have received the same by gift, grant, or devise; and in such case they shall be required to sell or dispose of the same within ten years from the time they shall acquire such title; and, on failure to do so, such lands over and above the before-named two thousand acres shall revert to the original donor, grantor, devisor or their heirs.

SECTION V. The treasurer of the institution and all other agents when required, before entering upon the duties of their appointment, shall give bond for the security of the corporation in such penal sums, and with such securities as the corporation shall approve, and all process against the corporation shall be by summons, and the service of the same shall be by leaving an attested copy thereof with the treasurer at least sixty days before the return day thereof.

SECTION VI. The corporation shall have power to employ and appoint a President or Principal for said institution, and all such professors or teachers and all such servants as may be necessary, and shall have power to displace any or such of them as the interest of the institution may require, to fill vacancies which may happen by death, resignation, or otherwise, among said officers and servants, and to prescribe and direct the course of studies to be pursued in said institution.

SECTION VII. The corporation shall have power to establish departments for the study of any and all the learned and liberal professions in the same, to confer the degree of doctor in the learned arts and sciences and *belles-lettres*, and to confer such other academical degrees as are usually conferred by the most learned institutions.

SECTION VIII. Said corporation shall have power to institute a board of competent persons, always including the faculty, who shall examine such individuals as may apply, and if such applicants are found to possess such knowledge pursued in said institution as in the judgment of said board renders them worthy, they may be considered graduates in course, and shall be entitled to diplomas accordingly on paying such fee as the corporation shall affix, which fee, however, shall in no case exceed the tuition bills of the full course of studies in said institution; said examination board may not exceed the number of ten, three of whom may transact business, provided one be of the faculty.

SECTION IX. Should the corporation at any time act contrary to the provisions of this charter, or fail to comply with the same, upon complaint being made to the Circuit Court of Cook County, a *scire facias* shall issue, and the circuit attorney shall prosecute in behalf of the people of this state for forfeiture of this charter.

This act shall be a public act, and shall be construed liberally in all courts, for the purposes herein expressed.

The charter thus granted was amended by an act approved February 14, 1855, which reads as follows:

SECTION I. *Be it enacted by the People of the State of Illinois, represented in the General Assembly:* That John L. Smith, Aaron Wood, Luther Taylor and Wm. Graham, and such other persons as shall be elected to succeed them by the Northwestern Indiana Conference of the Methodist Episcopal Church, be, and they are hereby, constituted members of the Board of Trustees of the Northwestern University.

SECTION II. No spirituous, vinous, or fermented liquors shall be sold, under license or otherwise, within four miles of the location of said University, except for medicinal, mechanical and sacramental purposes, under penalty of twenty-five dollars for each offense, to be recovered before any Justice of the Peace of said County of Cook: *Provided*, that so much of this act as relates to the sale of intoxicating drinks within four miles may be repealed by the General Assembly whenever they may think proper.

SECTION III. The said incorporation shall have power to take, hold, use and manage, lease and dispose of all such property as may in any manner come to said corporation charged with any trust or trusts, in conformity with such trusts and directions, and to execute all such trusts as may be confided to it.

SECTION IV. That all property of whatever kind or description, belonging to or owned by said corporation, shall be forever free from taxation for any and all purposes.

SECTION V. This act shall be public, and take effect from and after its passage.

The charter was again amended by an act approved February 16, 1861, which reads as follows:

SECTION I. *Be it enacted by the People of the State of Illinois, represented in the General Assembly:* That the annual conferences of the Methodist Episcopal Church, which now are or may hereafter be authorized to elect or appoint Trustees of said University, shall hereafter elect only two Trustees each, who shall also be and perform the duties of the visitors to said institution, and the place of the two Trustees last appointed by each conference is hereby vacated. The Trustees elected by such conferences shall hereafter hold their office for two years, and until their successors are chosen, the term of one elected by each of them expiring annually. In case any conference having authority to elect Trustees shall now or hereafter be

divided into two or more annual conferences, they shall each have authority to elect Trustees. On the request of the Board of Trustees, made at a regular meeting, any such annual conference may elect Trustees as herein provided.

SECTION II. Any annual conference electing Trustees as herein provided, having at any time refused to elect successors thereto, or resolving to discontinue or refuse its patronage to said institution, shall authorize the Board of Trustees, by a vote of the majority thereof at any regular meeting, to declare vacant the place of all Trustees appointed by such conference, and its right to appoint Trustees shall thereupon cease.

SECTION III. Any chartered institution of learning may become a department of this University by agreement between the Boards of Trustees of the two institutions.

SECTION IV. This act shall take effect and be in force from and after its passage.

A third amendment was made by an act approved February 23, 1867, which reads as follows:

SECTION I. *Be it enacted by the People of the State of Illinois, represented in the General Assembly:* That the name of that Corporation created by act of the General Assembly of the State of Illinois, approved on the 28th day of January, A. D. 1851, under the name of the "Trustees of the Northwestern University," be and the same is hereby changed to "Northwestern University," and by that name shall hereafter be known, and in and by such name shall have and exercise all the powers and immunities conferred on said corporation by said act of incorporation, and all acts amendatory thereof.

SECTION II. In addition to the number of Trustees heretofore provided for by law, the Board may elect any number, not exceeding twenty-four, and without reference to their several places of residence; and a majority of the whole Board shall be members of the Methodist Episcopal Church.

SECTION III. No greater number shall be required to constitute a quorum than has been heretofore required by law: *Provided*, that in all called meetings of the Board the object of the meeting shall be particularly specified in the notice to be previously given to each Trustee.

SECTION IV. This act shall be a public act, and in force from and after its passage.

UNIVERSITY STATUTES.

The following statutes have been adopted by the Trustees.

PRESIDENT. The President of the University shall be the head of the educational departments of the University, and of each of them.

He shall see that all the rules and regulations prescribed by the Board of Trustees or the Executive Committee for the government of the University are faithfully observed. He shall exercise such general executive powers as are necessary to the good government of the University and the protection of its interests, and which are not otherwise provided for.

It shall be his duty to nominate to the Board officers of instruction, except as otherwise provided, and to see that all officers of instruction are doing a proper amount and a satisfactory quality of work.

He shall prepare an annual report on the condition and needs of the University, shall cause the same to be printed, and shall send a copy to each member of the Board prior to its annual meeting.

He shall be, whenever present, the presiding officer of the Faculty of any College or School of the University. He shall have the right of a deciding vote in case of a tie. He shall appoint all committees provided for by the Faculty, unless otherwise ordered, and shall call extra meetings of any Faculty, whenever, in his judgment, such meetings may be called for by the welfare of the University.

OFFICERS. The officers of instruction in the University shall have designation and preference as follows:

1. Professors.
2. Acting Professors.
3. Associate Professors.
4. Assistant Professors.
5. Instructors.
6. Tutors.
7. Lecturers.
8. Such other subordinate officers as may be from time to time appointed.

FACULTIES. The Faculty of any College or School shall be constituted of officers of instruction who are above the rank of Tutor.

Each department of study shall be under the supervision of a Professor or Acting Professor, who shall be the head of the department, and who, subject to the direction of the Faculty, shall have final decision in all matters relating to the work of the department.

In case there shall be two or more officers having the rank of Professor in any department, the one first appointed shall have precedence.

Each Faculty shall have power to determine the requirements for the admission of students to such departments of the University as are under its jurisdiction; to prescribe and define the various courses of study for undergraduate and graduate students; to determine, subject to revision by the Board of Trustees, the requirements for such degrees as are offered to students under its jurisdiction; to enact and enforce such rules for the guidance and government of its own students as it may deem best adapted to the interests of the University.

There shall be elected by the Board of Trustees, or the Executive Committee, a Dean of each School or College, whose duty it shall be to preside at all meetings of the Faculty of such School or College in the absence of the President of the University. He shall annually submit to the President of the University, not later than June 1, a report of the work of the School or College to which he belongs, with such recommendations as he may deem advisable, and the reports so made may be made a part of the President's annual report to the Board of Trustees.

Each Faculty may present at any meeting of the Board or of the Executive Committee a report of any matters concerning the interests of its School or College, which report shall be transmitted through the President of the University.

No officer in the University shall absent himself from the discharge of his proper duties in the University longer than three college days at any one time without securing the previous consent of the President of the University, or of the Dean of the School to which said officer of instruction belongs; but this rule shall not be applied in case of absence occasioned by sickness or death of relatives.

A Committee for the Regulation of Athletic Sports shall hereafter be annually appointed and chosen as follows: Three members of the University Faculties and three alumni of the University, these six to be appointed by the Executive Committee; and also three undergraduates, to be chosen during the first week of the College of Liberal Arts year by the Athletic Association. This committee shall have entire supervision and control of all athletic exercises within and without the precincts of the University, subject to the authority of the Faculty of Liberal Arts.

Duties and Discipline of Students. All students are required to obey the rules of the University, to comply with the rules and regulations made by the Faculty of the School or College

to which they belong, and to conduct themselves at all times with decorum and propriety.

Any student who is sent for by the President or any officer of instruction of the Faculty under which he is enrolled shall comply with the call without delay, and students must at all times obey the directions of the President or any officer of instruction in the School or College to which they belong, pertaining to good order in the institution.

A student may be suspended, dismissed, or expelled by a vote of two-thirds of the Professors of the Faculty of the School or College in which he is a member, provided always that, prior to such contemplated suspension, dismission, or expulsion, he be granted the right to a full and impartial hearing before the Faculty, and in all cases of discipline contemplating suspension, dismission, or expulsion the vote shall be by ballot. In the Academy this power of discipline shall belong to the Faculty of Liberal Arts.

Concerted absence from any appointed duty by a class, or by any number of students together, will be regarded as a violation of good order, and will be followed by suspension, dismission, or expulsion, at the discretion of the Faculty.

When any Faculty shall become satisfied that a student is not fulfilling the purpose of his residence at the University, or is for any cause an unfit member thereof, the President shall notify his parents or guardians, that they may have an opportunity to withdraw him, and if he is not withdrawn within a reasonable time he shall be dismissed.

Students or societies in the University are forbidden to invite any lecturer to address them in public until the name of the proposed lecturer shall have been presented to the President of the University, or to the Dean of the School to which such students or societies belong, and his permission to extend the invitation has been obtained.

Publication by any student or students of any paper or production bearing the name of the University, or purporting to issue from it, is forbidden, unless the publication is previously approved by the President.

Women students in the College of Liberal Arts or in the Academy, who are not residents of Evanston, are required to live in Woman's Hall or in the College Cottage, unless special permission shall be granted them to live elsewhere. Application for such permission shall be determined by a committee which shall consist of the President of the University, the Principal of the Academy, the Principal of Woman's Hall, and the Business Agent of the University.

Excursions upon Lake Michigan in steamers or other vessels by bodies of students in departments of the University situated in Evanston, shall not be planned or carried out without the consent of the President, or the Executive Committee, which consent shall not be given until all possible precautions for the safety of the excursion party have been taken under the direction of a competent University representative.

The Oxford cap and gown shall be worn as an official dress at Commencement.

Graduation. All degrees in this institution, except honorary degrees, shall be conferred by the Board of Trustees on the recommendation of the proper Faculty; honorary degrees may be conferred upon the recommendation of the University Council.

Prior to the Commencement of any School or College, the Faculty thereof shall report to the Board of Trustees, if that Board is in session, the names in full and the places of residence of all students whom they shall recommend for degrees, whereupon the Board shall, in its discretion, pass a resolution to confer the same. In case the Board shall not be in session, the Faculty shall report the names as aforesaid to the Executive Committee of the Board of Trustees, who shall recommend that the President confer the degrees and report the same to the Board of Trustees for its approval.

For the recommendation of students to degrees by the different Faculties, all votes shall be by ballot. All candidates for degrees, except honorary degrees, shall be personally present at Commencement exercises, unless the Board or Executive Committee, on the recommendation of the appropriate Faculty, shall deem it proper to confer the degree in the absence of the candidate; and the candidate shall perform such public duties on Commencement day as the Faculty may designate.

The name of no person shall be presented for a degree till all his dues to the University are paid. No fee shall be charged for an honorary degree.

All degrees shall be conferred by the President on the authority of the Board of Trustees.

No duplicate diplomas shall be granted to graduates of the University without such proof of the loss of the original by affidavit or otherwise as shall be satisfactory to the Executive Committee.

The University Council. The President of the University, together with the Dean of each Faculty, and another member thereof elected annually by the Faculty, shall constitute the University Council.

The University Council shall meet on the day preceding the

annual meeting of the Board of Trustees, and at such other times as the President of the University may designate.

The University Council may consider such matters as pertain to the interests of the University as a whole, and may make recommendations concerning the same to the Board of Trustees.

The University Council may recommend to the Board of Trustees the person or persons upon whom they think it desirable that honorary degrees should be conferred.

COLLEGE OF LIBERAL ARTS.

FACULTY.

HENRY WADE ROGERS, LL.D., PRESIDENT.

DANIEL BONBRIGHT, LL.D., *John Evans Professor of Latin Language and Literature.*

*OLIVER MARCY, LL.D., *Dean, William Deering Professor of Geology.*

HERBERT FRANKLIN FISK, A.M., D.D., *Professor of Pedagogics.*

ROBERT MCLEAN CUMNOCK, A.M., *Professor of Rhetoric and Elocution.*

ROBERT BAIRD, A.M., *Professor of Greek.*

CHARLES WILLIAM PEARSON, A.M., *Professor of English Literature.*

ROBERT DICKINSON SHEPPARD, A.M., D.D., *Professor of English and American History.*

ABRAM VAN EPS YOUNG, PH.B., *Professor of Chemistry.*

GEORGE WASHINGTON HOUGH, LL.D., *Professor of Astronomy and Director of Dearborn Observatory.*

JAMES TAFT HATFIELD, PH.D., *Professor of German Language and Literature.*

CHARLES BEACH ATWELL, PH.M., *Registrar, Professor of Botany.*

HENRY CREW, PH.D., *Fayerweather Professor of Physics.*

J. SCOTT CLARK, A.M., *Professor of English Language.*

JOHN HENRY GRAY, PH.D., *Professor of Political Science.*

PETER CHRISTIAN LUTKIN, *Professor of Music.*

GEORGE ALBERT COE, PH.D., *Secretary, John Evans Professor of Moral and Intellectual Philosophy.*

CHARLES HORSWELL, PH.D., *Professor of Hebrew Language and Literature.*

ALJA ROBINSON CROOK, PH.D., *Professor of Mineralogy and Petrology.*

HENRY SEELY WHITE, PH.D., *Noyes Professor of Pure Mathematics.*

THOMAS FRANKLIN HOLGATE, PH.D., *Professor of Applied Mathematics.*

WILLIAM CALDWELL, SC.D., *Professor of Ethics and Social Philosophy.*

WILLIAM ALBERT LOCY, PH.D., *Professor of Zoölogy.*

CHARLES JOSEPH LITTLE, D.D., LL.D., *Professor of Church History.*

CHARLES FREDERICK BRADLEY, A.M., D.D., *Professor of New Testament Greek.*

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*Died, March 19, 1899.

George Oliver Curme, A.M., *Professor of Germanic Philology.*
James Alton James, Ph.D., *Professor of the History of Continental Europe.*
Edouard Baillot, B.S., *Professor of Romance Languages.*
Henry Cohn, A.M., *Assistant Professor of German.*
John Adams Scott, Ph.D., *Assistant Professor of Greek.*
Mary Harriott Norris, A.B., *Dean of Women and Assistant Professor of English Literature.*
Milton Spenser Terry, D.D., LL.D., *Lecturer on the Bible.*
Albert Ericson, A.M., *Instructor in the Swedish Language.*
Nels Edward Simonsen, A.M., D.D., *Instructor in the Norwegian and Danish Languages.*
Mary Freeman, A.M., *Instructor in French.*
Herbert Govert Keppel, A.M., *Instructor in Mathematics.*
Omera Floyd Long, Ph.D., *Instructor in Latin.*
*Arthur Herbert Wilde, A.B., B.D., *Instructor in History.*
Henry Le Daum, A.B., *Instructor in French.*
Henry Freeman Stecker, Ph.D., *Instructor in Mathematics.*
Horace Snyder, Ph.D., *Instructor in Physics.*
Samuel Debenham Gloss, B.S., *Instructor in Chemistry.*
Charles Waldo Foreman, M.S., *Instructor in German.*
Edwin A. Greenlaw, A.M., *Instructor in English and English Literature.*
Norman Dwight Harris, Ph.B., *Instructor in History.*
Anna Estelle Caraway, Ph.B., *Assistant in German.*

STANDING COMMITTEES.

Joint Committee on College Ethics:—The President, Professors Bonbright, Fisk, Baird, Young.
Board of Examiners:—Professors White, Bonbright, Baird, Crew, Baillot, Locy.
Graduate Study:—Professors Crew, Locy, Scott.
Undergraduate Study:—Professors Young, Coe, Hatfield.
Special Students:—Professors Holgate, Pearson, Gray.
Delinquent Students:—Professors Holgate, James, Curme.
Academy:—Professors Fisk, Crew, Clark.
Advanced Standing:—Professors Locy, Hatfield, Clark.
Accredited Schools:—Professors James, Atwell, Fisk.
Registration:—Professors Atwell, Baird, Curme.
Admission Requirements:—Professors Pearson, Hough, Caldwell.
Library:—Professors Bonbright, Young, Locy.

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*Absent on leave during 1898–99.

Fellowships, Scholarships, and Charitable Funds:—Professors FISK, CALDWELL, GRAY.
Regulation of Athletic Sports:—Professors CLARK, YOUNG, WHITE.
Musical Organizations:—Professors LUTKIN, CROOK, HATFIELD.
Social Affairs:—Professors YOUNG, FISK, ATWELL, LUTKIN, NORRIS.
Chapel:—Professors BAIRD, JAMES, CROOK.
Catalogue:—The PRESIDENT, The REGISTRAR, Professor CROOK.

CONSULTATION HOURS.

The PRESIDENT, Daily, except Saturday, 4 to 5, Room 1, U. H.*
The DEAN, - - - - Daily, 2, Room 18, U. H.
The REGISTRAR, Daily, except Saturday, 9 to 10, Room 2, U. H.
Professor BONBRIGHT, Monday, Wednesday, and Thursday, 4 to 5, Room 14, U. H.
Professor FISK, - - - Daily, 11 to 12, Room 1, Academy.
Professor CUMNOCK, Monday and Tuesday, 2, Room 1, Swift Hall.
Professor BAIRD, - Monday and Friday, 4, Room 12, U. H.
Professor PEARSON, - - Daily, 10 to 11, Room 17, U. H.
Professor SHEPPARD, Monday, Wednesday, and Friday, 4, Room 9, U. H.
Professor YOUNG, - - Daily, 11 to 12, Room 21, W. S. H.†
Professor HOUGH, Tuesday and Thursday, 3, Room 4, E. S. H.†
Professor HATFIELD, Daily, except Tuesday, 10 to 11, Room 26, Library.
Professor CREW, - - Daily, 9 to 11, Room 10, E. S. H.
Professor CLARK, - - - Daily, 9, Room 17, U. H.
Professor GRAY, Monday, Wednesday, and Friday, 9 to 9:45; Tuesday, 4 to 5, Room 30, Library.
Professor LUTKIN, Monday, Tuesday, Wednesday, and Thursday, 4:30, Music Hall.
Professor COE, Monday, Wednesday, and Friday, 3 to 3:30; Tuesday and Thursday, 2 to 2:30, Room 29, Library.
Professor HORSWELL, Tuesday and Thursday, 4, Room 10, Memorial Hall.
Professor CROOK, - - - Daily, 8 to 9, Room 7, W. S. H.
Professor WHITE, Tuesday and Thursday, 4; Room 4, U. H.
Professor HOLGATE, Monday, Wednesday and Friday, 11; Room 4, U. H.
Professor CALDWELL, Tuesday, 4:15 to 5; Wednesday, 11:30 to 12, Room 15, Library.

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* U. H. is used to designate University Hall.
† W. S. H. is used to designate the west wing of Science Hall, and E. S. H. refers to the east wing of the same building.

Professor LOCY, Tuesday and Thursday, 10 to 11; Room 25, U. H.
Professor CURME, Monday, 8:30 to 9; Wednesday, 10; Room 4, Library.
Professor BAILLOT, Monday and Wednesday, 3 to 4, Room 13, U. H.
Professor JAMES, Tuesday, 4 to 5; Friday, 11 to 12; Room 9, U. H.
Professor LITTLE, Daily, except Monday and Saturday, 10 A.M., Memorial Hall.
Professor BRADLEY, Monday, Wednesday, and Thursday, 12:15, Memorial Hall.
Assistant Professor COHN, Monday, Thursday, and Friday, 11 to 12, Room 27, Library.
Assistant Professor SCOTT, - - Daily, 10 to 11, Room 3, Library.
Rev. Mr. ERICSON, - - Daily, 3 to 5, Swedish Seminary.
Dr. SIMONSEN, - - - - - Daily, 10, Memorial Hall.
Miss FREEMAN, - - - - - Daily, 9 to 10, Room 13, U. H.
Mr. KEPPEL, - Monday and Wednesday, 9, Room 4, U. H.
Mr. FOREMAN, - - - - - Daily, 11, Room B, U. H.
Dr. TERRY, - - - Daily, 2 to 4, Room 5, Memorial Hall.
Dr. LONG, - - - Monday and Friday, 4; Room 6, Lunt.
Dr. STECKER, - - - - Wednesday, 2; Room 4, U. H.
Mr. LE DAUM, - - - - - Daily, 3 to 4, Room 6, U. H.
Mr. GREENLAW, - - Wednesday, 11 to 12; Room 17, U. H.
Dr. SNYDER, - - - - Daily, 2 to 4; Room 9, E. S. H.

CANDIDATES FOR ADMISSION.

Candidates for admission to the College of Liberal Arts must be at least sixteen years of age, and must present to the Registrar satisfactory evidence of good moral character, together with credentials from their last instructors, or from the institution in which they were prepared. They must pay the matriculation fee before taking the entrance examinations.

ADMISSION OF CANDIDATES FOR A DEGREE.

Candidates for admission who expect to apply for a bachelor's degree must show satisfactory evidence of preparation in the following subjects, either by examination or by certificate from an accredited school:—namely,

(1) All the subjects included in Group A.

(2) Six items from Groups B and C, of which at least four must be from Group B.

SUBJECTS REQUIRED FOR ADMISSION.

Group A.

1. *English Language*—All students applying for admission to the College of Liberal Arts will be subjected to an examination in elementary English, without regard to any diplomas or certificates that they may hold. This examination will be given in June and again in September on the dates assigned for entrance examination in the calendar. It will cover spelling, capitalization, paragraphing, italicising, and the use of quotation-marks. Candidates will be expected to show, by an original composition on some simple subject prescribed at the time, a fair knowledge of grammatical construction and of good literary form. They will also be expected to present evidence that they have each written, before entering college, at least eight exercises of at least three hundred words each. Such evidence may consist of the exercises themselves, presented for inspection by the examiner, or of certificates from instructors in English in secondary schools. As to the character of the exercises required for preparation, paraphrases of standard prose or poetry are preferred; descriptions of scenes or objects actually witnessed by the writers, narrations based on personal experiences, and arguments on specific questions will be accepted; rambling expository essays on broad general themes (a kind of written exercise unfortunately common in secondary schools) are not acceptable. Students who cannot present evidence of such preliminary practice in composition may enter conditionally in accordance with the limits elsewhere expressed in regard to entrance conditions; but no student will be admitted to any college course in the English language until he shall have fulfilled the entrance conditions. *Time requirement, two hours a week throughout one year.*

2. *English Literature*—The examination in English Literature will be conducted as follows:

I. Reading—A certain number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject-matter, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified

by his instructor, containing compositions or other written work done in connection with the reading of the books.

The books set for this part of the examination will be:

1899: Dryden's Palamon and Arcite; Pope's Iliad, Books I, VI, XXII and XXIV; the Sir Roger de Coverley Papers in the Spectator; Goldsmith's Vicar of Wakefield; Coleridge's Ancient Mariner; De Quincey's Flight of a Tartar Tribe; Cooper's Last of the Mohicans; Lowell's Vision of Sir Launfal; Hawthorne's The House of Seven Gables.

1900: Dryden's Palamon and Arcite; Pope's Iliad, Books I, VI, XXII and XXIV; the Sir Roger de Coverley Papers; Goldsmith's Vicar of Wakefield; Scott's Ivanhoe; De Quincey's Flight of a Tartar Tribe; Cooper's Last of the Mohicans; Tennyson's Princess; Lowell's Vision of Sir Launfal.

1901: Shakespeare's Merchant of Venice; Pope's Iliad, Books I, VI, XXII and XXIV; the Sir Roger de Coverley Papers in the Spectator; Goldsmith's Vicar of Wakefield, Coleridge's Ancient Mariner; Scott's Ivanhoe; Cooper's Last of the Mohicans; Lowell's Vision of Sir Launfal; George Eliot's Silas Marner.

II. Study and Practice—This part of the examination presupposes the thorough study of each of the works named below. The examination will be upon the subject-matter, form, and structure.

The books set for this part of the examination will be:

1899: Macbeth; Paradise Lost, Books I and II; Burke's Speech on Conciliation with America; Carlyle's Essay on Burns.

1900: Macbeth; Paradise Lost, Books I and II; Burke's Speech on Conciliation with America; Macaulay's Essays on Milton and Addison.

1901: Shakespeare's Macbeth; Milton's L'Allegro, Il Penseroso, Comus and Lycidas; Burke's Conciliation with America; Macaulay's Essays on Milton and Addison. *Time requirement, five hours a week, for two years.*

3. *Mathematics*—Wentworth's School Algebra or Wells's Academic Algebra, through Radicals and Quadratics, or an equivalent; Plane and Solid Geometry, Beman and Smith, or an equivalent. *Time requirement, five hours a week for two years.*

4. *Human Anatomy and Physiology*—Martin's Human Body (Briefer Course). *Time requirement, five hours a week, one-third of a year.*

5. *Geography*—Tarr's Physical Geography. The candidate must be able to draw an outline map of any country or state, and locate therein the principal towns, rivers, and mountains. *Time requirement. five hours a week, one-third of a year.*

6. *History*—(*a*) Smith's Smaller History of Greece, or an equiv-

alent; Allen's History of Rome, or an equivalent; or (*b*) General History, Myers, or an equivalent. *Time requirement in each, five hours a week, two-thirds of a year.*

7. *History of the United States*—Johnston's or an equivalent. *Time requirement, five hours a week, one-third of a year.*

GROUP B.

11. *Greek*—(*a*) Grammar, White's Beginner's Greek Book, or an equivalent; Xenophon's Anabasis, first book; Jones's Greek Composition, lessons 1–10, or the first book in Woodruff's Greek Prose Composition. *Time requirement, five hours a week throughout one year.*

12. *Greek*—(*b*) Xenophon's Anabasis, Books II, III and IV, or an equivalent of Xenophon's Hellenica; Homer, the Odyssey or Iliad, 1,800 lines; Greek Composition, Jones's Lessons, 11–40 or an equivalent in Woodruff's Greek Prose Composition. *Time requirement, five hours a week throughout one year.*

13. *Latin*—(*a*) Grammar; Cæsar's Gallic War, ten pages, or twenty pages of Viri Romæ, with re-translation of English into Latin. *Time requirement, five hours a week throughout one year.*

14. *Latin*—(*b*) Cæsar's Gallic War, four books completed: or Viri Romæ, completed; Latin Composition. *Time requirement, five hours a week throughout one year.*

15. *Latin*—(*c*) Cicero, six orations, including the Manilian Law; Latin Composition. *Time requirement, five hours a week throughout one year.*

16. *Latin*—(*d*) Vergil, eight books of the Æneid, or six books of the Æneid and the Bucolics. *Time requirement, five hours a week throughout one year.*

17. *French*—(*a*) Grammar (Whitney or Edgren); Grandgent's Composition, one book; selections of modern prose and poetry, not less in quantity than four hundred and fifty pages. From students offering no composition work, more reading will be required. A thorough knowledge of irregular verbs, rules of past participle, etc., is expected; also the ability to translate simple spoken French phrases and to translate at sight ordinary prose. As far as possible the reading should be complete works, not short selections, and one modern comedy should be read. *Two years of high-school work will usually be required for this course.*

18. *French*—(*b*) includes: Proficiency in advanced grammar, use of moods and tenses, government of infinitives and ordinary idioms; Composition (Grandgent, Parts III, IV, and V, or an equivalent); reading of not less than 1,200 duodecimo pages of at least five standard authors; ability to understand questions and phrases in

French, and to take grammatical dictations. *Time requirement, five hours a week throughout one year.*

19. *German*—(*a*) Elementary Grammar, especially declension of articles and ordinary nouns and pronouns, use of the strong and weak adjective, the old and new verbs, separable and inseparable prefixes, the use of common prepositions, the inverted and transposed sentence-order. For this work, Otis's Elementary German, Part I, contains sufficient material. Practice in writing German sentences should accompany the course throughout.

The reading of at least two hundred pages of material of a narrative or epic nature. Good material is offered by Brandt's or Joynes's Reader, Grimm's or Andersen's Märchen, Uhland's Ballads, or Niebuhr's Heroen-Geschichten. *Two hours of high school work will usually be required for this course.*

20. *German*—(*b*) Advanced Grammar, especially the syntax of cases, the special uses of modal and other auxiliaries, uses of the subjunctive, complex sentence-construction, word-formation. The systematic writing of connected German narrative prose should have given the ability to write simple German. In addition to the requirement under (*a*) should be read at least five hundred pages of material which appeals to the historic and dramatic sense, as well as to a feeling for rhythm and poetical form. Recommended are: The less difficult standard dramas, as Minna von Barnhelm, Tell, or Maria Stuart; Riehl's Novellen; Freytag's Soll und Haben (abridged); Goethe's Hermann und Dorothea, and the easier lyrics of such poets as Goethe, Schiller, Geibel, Heine, Rückert, and Platen.

Courses (*a*) *and* (*b*) *together will usually be done best by high schools in three years.*

Group C.

The time requirement for each subject in this group is five hours a week for one year.

21. *Mathematics*—Algebra, including ratio and proportion, variation, progressions, permutations and combinations, binomial theorem, logarithms and their application to interest and annuities, introduction to determinants, theory of equations and series, as in Wells's College Algebra or Hall and Knight's Elementary Algebra, or a full equivalent. Plane Trigonometry, including the solution of oblique triangles. Consistent employment of ratio definitions is expected, also the ability to verify numerical computations.

22. *Physics*—Elementary General Physics. Those portions of the subject required are fairly indicated by Carhart and Chute's Elements of Physics. The student's laboratory notes must be presented. A majority of the experiments must be quantitative.

23. *Dynamics*—Lodge's Elementary Mechanics or equivalent.

Students are earnestly recommended not to attempt to cover the whole field of Physics in their preparatory work: but to offer more thorough preparation in mechanics, including hydrostatics, pneumatics, water waves, elasticity, properties of vibrating bodies, measurement of forces, densities, times, lengths, masses, speeds, accelerations, curvatures, etc. The students' laboratory notes and drawings must be presented.

24. *General Chemistry and the Introduction to Qualitative Analysis*—The first part of this requirement would be met by the first ten chapters of Cooke's New Chemistry, with the Laboratory Practice by the same author, or by Remsen's Briefer Course, or by Sheppard's Elements. The second part would require the analysis of five mixtures, involving third, fourth and fifth group metals (Prescott and Johnson). Laboratory work with the candidate's original note-book will be essential in meeting this requirement, which is made equivalent to Chemistry A in college, and thus qualifies the student to take Chemistry B.

25. *Biology*—One year's study of typical animals and plants by laboratory methods covering the facts of morphology and physiology. This requirement may be met by a course such as that laid down in Boyer's Elementary Biology, or in Colton's Practical Zoölogy, and Bergen's Elements of Botany. Laboratory notes and drawings must be presented.

NOTE.—Instead of one year's preparation in Physics, Chemistry or Biology, the equivalent of four terms' work, each of five hours a week from the subjects in Group D will be accepted when necessary, but students are strongly advised, whenever it is possible, to make choice of one subject and pursue it through the year.

GROUP D.

31. *Botany*—A practical knowledge of the general facts of vegetable morphology, physiology and classification, such a course as is outlined in Bergen's Elements of Botany or Boyer's Elementary Biology, Part II. Laboratory drawings and notes must be presented.

32. *Zoölogy*—A study of various animal types founded upon laboratory work such as that prescribed in Part I, Boyer's Elementary Biology. Laboratory notes and drawings must be presented.

33. *Physics*—Carhart and Chute's Elements of Physics, first three chapters.

34. *Astronomy*—Young's Elements.

35. *Geology*—Le Conte's Elements.

36. *Chemistry*—Remsen's Elementary Course, or an equivalent. It is urgently recommended that laboratory work by the student accompany this study. The laboratory note books must be presented by the candidate with his credentials.

37. *Drawing*—Elements of Free-Hand and Geometrical Draw-

ing; such a knowledge of the subject as may be gained by practice under instruction two hours a week through one year.

38. *History of England*—Montgomery's, or an equivalent.

39. *Civil Government*—Fiske's, or an equivalent.

EXAMINATION FOR ADMISSION.

The regular days of examination for admission to the College of Liberal Arts are the Monday and Tuesday next before Commencement, and the Monday and Tuesday next before the opening of the college year. The first regular examination for the year 1899–1900 will be held on June 12 and 14; the second will be held on September 18 and 19. Candidates may be examined and admitted at other times, if prepared to enter classes at an advanced point in the regular courses. They are advised, however, to enter at the beginning of a year.

Upon the dates above named, examinations will be held in the following order in Room 10, University Hall.

Plan for Entrance Examinations, 1899–1900.

MONDAY, JUNE 12 AND SEPT. 18.

8 A.M., Subjects 11, 12, 17, 18, 32, 38, 39.
10 A.M., Subjects 13, 14, 21, 23, 34, 35.
2 P.M., Subject 4.
3 P.M., Subject 5.
4 P.M., Subjects 22, 33, 36.

TUESDAY, JUNE 13 AND SEPT. 19.

8 A.M., Subject 3.
10 A.M., Subjects 6, 19.
11 A.M., Subjects 15, 16, 20, 24, 25, 31.
2 P.M., Subject 1.
3 P.M., Subject 2.
4 P.M., Subject 7.

Examinations for admission are held in Evanston at the times above named. By special arrangement with the President, examinations may also be held at St. Paul, Minnesota; Denver, Colorado; Omaha, Nebraska; St. Louis, Missouri; Cincinnati, Ohio; Detroit, Michigan; Portland, Oregon; and San Francisco, California. But in all such cases application must be made to the President prior to June 1st.

CERTIFICATES.

A candidate for admission, whether coming from an accredited school or not, must present to the Board of Examiners a certificate from the principal or school superintendent, recommending him for admission to the University. This certificate must show the studies pursued in the school, the time spent in each, the text-book or manual used, the extent of work covered, the grade of the student's work, and the date (approximate) of the final examination. It will be most convenient to use for this certificate a blank form furnished by the University, and obtained on application from the Registrar.

ADMISSION FROM ACCREDITED SCHOOLS.

Students who come from an accredited academy or high school may be admitted on certificate without examination, (except in English) provided they present themselves for admission not later than a year and three months after their graduation. Students admitted on certificates from accredited schools are received upon condition that if the work of the student in his first semester shall prove unsatisfactory he may be required to enter a fitting school and review his preparation in the study in which the failure has occurred.

Candidates applying for admission from accredited schools should have their certificates in the hands of Prof. Henry S. White, Chairman of the Board of Examiners, one week prior to the date fixed for examination. The certificates may be forwarded by mail, and should arrive at Evanston on or before June 5, or September 11, 1899, as the case may be.

ACCREDITED SCHOOLS.

School-boards desiring to have their schools placed on the accredited list should make application to the President of the University, who will provide, if practicable, for a proper inspection by committee. The following information will be expected in the letter of application:

a. The names of all the teachers, with a statement both of their preparation for teaching and of their experience in that work.

b. The latest printed catalogue or annual report of the school, containing an outline of the course of study and text-books used.

c. A careful statement of the methods pursued in teaching Mathematics, Language, and the Sciences.

d. The amount and kind of scientific apparatus and the extent of library facilities accessible to students.

The committee of inspection will ordinarily consist of members of the Faculty, but in cases where the school is so distant from the seat of the University as to make this impracticable, other persons may be appointed to perform the work of inspection under the direction of the Faculty. The traveling expenses of the committee of inspection are borne by the school or schools visited.

The schools which are approved by the Faculty after inspection will be placed on the accredited list, and the relation thus established will continue for three years, unless the Faculty within this period becomes satisfied that such changes have occurred as make further inspection desirable.

The following schools are now on the accredited list:

Aurora, East Side High School,	W. C. Hazzard.
Aurora, West Side High School,	Katherine Reynolds.
Austin, High School,	B. F. Buck.
Beloit, Wis., Beloit Academy,	A. W. Burr.
Beloit, Wis., High School,	F. E. Converse.
Belvidere, North Side High School,	Arthur J. Snyder.
Belvidere, South Side High School,	Montgomery Moore.
Blue Island, Worth Township High School,	J. E. Lemon.
Chicago, Calumet High School,	Avon S. Hall.
Chicago, Englewood High School,	James E. Armstrong.
Chicago, English High & Man'l Training,	Albert R. Robinson.
Chicago, Hyde Park High School,	Charles W. French.
Chicago, Jefferson,	Charles A. Cook.
Chicago, Lake,	Edward F. Stearns.
Chicago, Lake View,	James H. Norton.
Chicago, Marshall,	Louis J. Block.
Chicago, Medill,	Stewart B. Sabin.
Chicago, North Division,	Oliver S. Wescott.
Chicago, Northwest Division,	Franklin P. Fisk.

Chicago, South Chicago,	Charles I. Parker.
Chicago, South Division,	Jeremiah Slocum.
Chicago, West Division,	George M. Clayberg.
Chicago, South Side Academy,	Wm. Bishop Owen.
Clinton, Ia., High School.	E. L. Mason.
Clyde, High School,	H. V. Church.
Crown Point, Ind., High School,	Elizabeth L. Horney.
Des Moines, Ia., West Side High School,	W. O. Riddell.
Des Moines, Ia., North Side High School,	W. N. Clifford.
Decatur, High School.	Frank Hamsher.
Evanston, Township High School,	Henry L. Boltwood.
Evanston, University Academy,	Herbert F. Fisk.
Elgin, Academy,	George N. Sleight.
Elgin, High School,	Eugene C. Peirce.
Epworth, Ia., Epworth Seminary,	F. R. Barnes.
Freeport, High School,	Siegel E. Raines.
Fond du Lac, Wis., High School,	Elizabeth Waters.
Geneseo, High School,	Frank H. Haller,
Harvey, Thornton Township High School,	J. E. Cable.
Indianapolis, Ind., High School,	George W. Hufford.
Joliet, High School,	J. Stanley Brown.
Kansas City, Mo., Central High School,	Edwin C. White.
Keokuk, Ia., High School,	George E. Marshall.
Kewanee, High School,	Horace Phillips.
Kidder, Mo., Kidder Institute,	George W. Shaw.
Lake Geneva, Wis., High School,	A. F. Bartlett.
Marengo, High School,	Charles Shaffer.
Maryville, Mo., Maryville Seminary,	George E. Moore.
Milwaukee, Wis., Milwaukee Academy,	J. Howard Pratt, Jr.
Milwaukee, Wis., East Side High School,	A. J. Rogers.
Milwaukee, South Side High School,	S. A. Hooper.
Milwaukee, West Side High School,	Charles E. McLenegan.
Minneapolis, Minn., Central High School,	John N. Greer.
Muscatine, Ia., High School,	E. F. Schall.
Moline, High School,	A. R. Crittenden.
Oak Park, High School,	John C. Hanna.
Onarga, Grand Prairie Seminary,	Fred. C. Demorest.
Orchard Lake, Mich., Military Academy,	Col. J. Sumner Rogers.
Ottawa, Township High School,	J. O. Leslie.
Peoria, High School,	A. W. Beasley.
Princeton, Township High School,	D. O. Barto.
Racine, Wis., High School,	A. N. Ozias.
Rock Island, High School,	E. VanDyke Robinson.

Rockford, High School,	B. D. Parker.
Sioux City, Ia., High School,	W. H. Turnbull.
Sioux Falls, S. D., High School,	C. E. Holmes.
Sparta, Wis., High School,	F. E. Doty.
Springfield, Township, High School,	William Helmle.
Sterling Township, High School,	O. L. Miller.
Streator, Township High School,	S. B. Hursh.
Warren, Warren Academy,	Elmer C. Griffith.
Waukegan, High School,	Miriam Besley.
Wheaton, High School,	Webster J. Stebbins.
Whitewater, Wis., High School,	H. A. Whipple.
Wichita, Kas., High School,	Frank R. Dyer.

Schools in California, Michigan, Ohio, Minnesota, Wisconsin, Iowa, Indiana, Nebraska and Kansas that are on the accredited list of the State Universities of their respective states will be recognized as if accredited by this University.

ADMISSION OF SPECIAL STUDENTS.

Persons desiring to pursue studies in the College of Liberal Arts are, as a rule, required to pass the entrance examinations prescribed for candidates for some one of the degrees, as described on previous pages. But under exceptional circumstances persons of serious purpose who are not candidates for a degree may be admitted as special students to pursue selected studies. This privilege, however, is not intended to cover subjects which may be pursued in a secondary school. Any one desiring to be so admitted will be furnished by the Registrar with blank forms of application, which must be filled out and presented to the Committee on Special Students, who will decide upon the advisability of granting the application. Such applications must be accompanied by the regular entrance fee and by evidence of sufficient qualification to carry on the proposed work to advantage. The college work of all students so admitted is under the supervision of the Committee on Special Students.

ADMISSION TO ADVANCED STANDING.

Candidates for advanced standing are not admitted later than September of the collegiate year in which they expect to graduate. All students from other colleges must present evidence of honorable dismissal, and must give satisfactory proof of preparation for the courses which they desire to enter. The amount of College credit to be obtained by certificate from another institution is determined by a standing committee of the faculty, but no advance credit will be given without examination except for work done in an approved college.

Candidates for advanced standing coming from other colleges should obtain certificates from the Registrar of the institutions from which they come, certifying to the subjects they have passed examinations upon, and the number of weeks and hours per week the respective studies were pursued. In all cases, when it is possible to do so, these certificates should be in the hands of Prof. William A. Locy, Chairman of the Committee on Advanced Standing, as early as September 12th.

ADMISSION OF WOMEN.

Women have been admitted to the College of Liberal Arts since 1869 on the same conditions as men. They attend the same classes and receive the same degrees as the men. Women students, however, are required to live either in Woman's Hall or in the College Cottage, unless they obtain permission to live elsewhere. If such permission is desired they must make formal application therefor. Blanks for this purpose can be obtained from the Principal of Woman's Hall, or from the Registrar.

For the purpose of giving Woman's Hall the safeguards of a well-ordered home, and of bringing those residing in it as far as possible under family influence, the authorities of the University have committed the immediate oversight of it to a Dean of Women, who lives at the Hall, associates with the

residents, and acts toward them at all times as a friend and adviser. It is intended that the Dean shall always be a woman of high character and attainments, who can give suggestions to the young women as to their general culture, advise them in social matters, and give them, in special cases, such counsel as circumstances may require.

For young women who do not wish to incur the expense incident to living at Woman's Hall, provision is made at what is known as the College Cottage. This is in charge of an association of ladies, incorporated as The Woman's Educational Aid Association, whose duty is to canvass the claims of all applicants for admission, and to have a friendly supervision over them while members of the Cottage family. The ordinary work of the Cottage is done by the young women under the direction of a competent Matron. In this way the expenses of living are materially reduced.

All women students, wherever they reside, are expected to conform to the general regulations prescribed for the conduct of those living at Woman's Hall.

NOTE.—For further information respecting Woman's Hall, letters of inquiry should be addressed to Dean of Women, Woman's Hall, Evanston, Ill.; and for information respecting the College Cottage, letters should be addressed to Mrs. J. A. Pearsons, President of the Woman's Educational Aid Association, Evanston, Ill.

PROGRAMS OF STUDY.

NOTE.—The annual courses designated by capital letters are hereinafter described. The time assignment is in hours a week for a year.

As a condition of graduation, the student is required to complete 120 semester-hours, including the major work in at least one department. Four years will usually be necessary for the satisfactory accomplishment of the work. From the various courses of study offered, the student is permitted to make his elections, subject to certain prescribed programs.

Prescribed courses must take precedence of elective courses, and in the order designated in the programs. Modifications of these programs, desirable because of substitutions allowed in entrance requirements, may be made at the time of registration, but the full amount of required work must be

completed before graduation. Having begun an elective course the student will be expected to continue it through the year.

The programs of prescribed annual courses leading to the several degrees are as follows:

Bachelor of Arts.

First Year.—Greek A, five hours; Latin A, five hours; Mathematics A, four hours, or AB, five hours; Elocution A, two hours.

Second Year.—Greek B, three hours; Latin B, three hours; Mathematics B, or C, three hours; French AA, five hours, or German AB, four hours (required only of those who entered without credit in French or in German); English Language A, two hours.

Third Year.—English Literature I, one hour.

Fourth Year.—Philosophy E, one hour.

Note.—On the completion of the courses Greek A, Latin A, and Mathematics A, or AB, the student may, if he desires, discontinue one of these three subjects and substitute for it elective work of not less than three hours. For those who enter without Greek, courses (*a*) and (*b*) in Greek (p. 51) become prescribed work, to be completed before taking Greek A. The equivalent of Latin (*a*), (*b*), (*c*) and (*d*), (p. 51) is required for admission to Latin A.

Bachelor of Philosophy.

First Year.—French A, five hours (for those who entered with French (*a*), p. 51, or French B, three hours (for those who entered with both French (*a*) and (*b*), p. 51, or German A, five hours (for those who entered with German (*a*), p. 52, or German B, three hours (for those who entered with both German (*a*) and (*b*), p. 52; Latin A or Greek A, five hours; Mathematics A, four hours, or AB, five hours; Elocution A, two hours.

Second Year.—French B, or German B, three hours (according to amount of credit already obtained in French or German); Latin B, or Greek B, three hours; Mathematics B, or C, three hours; French AB, five hours (for those who entered without French), or German AB, four hours (for those who entered without German); English Language A, two hours.

Third Year.—English Literature I, one hour.

Fourth Year.—Philosophy E, one hour.

Note.—On the completion of Greek A or Latin A, and Mathematics A or AB, and French A or German A, the student may, if he desire, discontinue one of these three subjects, and substitute for it elective work of not less than three hours. For those who enter without Greek and desire to elect Greek in the options above indicated, the courses (*a*) and (*b*) in Greek (p. 51) become prescribed work, to be completed before taking Greek A. The equivalent of Latin (*a*), (*b*), (*c*) and (*d*), (p. 51) is required for admission to Latin A.

Bachelor of Science.

First Year.—French AA, or A, or German AB, four hours, or A, five hours (according to amount of credit already obtained in French and German); Mathematics AB, five hours; Chemistry A, Physics A, or Zoölogy A, four hours; Elocution A, two hours.

Second Year.—French AA, or A, or German AB, four hours, or A, five hours (according to amount of credit already obtained in French and German); English Language A, two hours.

Third Year.—English Literature I, one hour; Physics A, four hours, or Chemistry A, four hours, or Zoölogy A, four hours (two of these being prescribed in this program.)

Fourth Year.—Philosophy E, one hour.

Note.—The completion of courses AA and A, in French, or their equivalent; and of courses AB and A, in German, or their equivalent, either before or after admission to college, is a requirement for this degree.

Bachelor of Letters.

First Year.—French AA, five hours, for those who entered without French, or French A, five hours, for those who entered with French (*a*), or French B, three hours, for those who entered with French (*a*) and (*b*); German AB, four hours, for those who entered without German, or German A, five hours, for those who entered with German (*a*), or German B, three hours, for those who entered with German (*a*) and (*b*); Mathematics A, four hours, or AB, five hours; Elocution A, two hours.

Second Year.—French A, five hours, or French B, three hours (according to the amount of credit in French already obtained); German A, five hours, or German B, three hours (according to the amount of credit in German already obtained); English and American Literature A and B, or A and C, five hours; English Language A, two hours.

Third Year.—English Language B, two hours.

Fourth Year.—Philosophy E, one hour.

Note.—The completion of courses AA, and A, and B, or their equivalent, in French, and of courses AB, and A, and B, or their equivalent, in German, either in preparation or in college, is a requirement for this degree.

COURSES OF INSTRUCTION.

The courses of instruction are subject to change from year to year. Those given during the year 1898–99 are described below.

The amount of credit towards graduation assigned to each course is expressed by the terms *one hour*, *two hours*, etc., *an*

hour of credit being given for the satisfactory completion of work equivalent to one exercise a week during one semester.

The Faculty reserve the right to withdraw, at the beginning of a semester, the offer of any study not chosen by at least six persons.

ASTRONOMY AND METEOROLOGY.

FIRST SEMESTER.

A—*Young's General Astronomy.* 2 hours.

Tuesdays, Thursdays, 2.

Professor HOUGH.

SECOND SEMESTER.

A—*Meteorology.* 2 hours.

Tuesdays, Thursdays, 2.

Professor HOUGH.

THE BIBLE.

FIRST SEMESTER.

A—*The Old Testament.* 1 hour.

Wednesdays, 4.

Professor TERRY.

Course A treats of the origin and history of the sacred canon, the reasons for rejecting the apocryphal and pseudepigraphical writings, and for accepting the canonical books as Scriptures of divine authority. The principal ancient versions are described, and a genetic history of the various English translations is given. The contents and scope of each book are so exhibited as to develop the habit of critical analysis.

B—*The Pentateuch, Prophets and Psalms.* 1 hour.

Mondays, 4.

Professor TERRY.

Course B is devoted more to the explanation of select portions of the Bible and to instruction in the principles and methods of biblical exegesis. The history and methods of Higher and Lower Criticism are explained and illustrated, and special attention is given to the Mosaic books and institutions, the progress of divine revelation, and the interpretation of parables, allegories, types and symbols.

SECOND SEMESTER.

A—*The New Testament.* 1 hour.

Wednesdays, 4.

Professor TERRY.

B—*Life and Epistles of Paul, and Writings of John.* 1 hour.

Mondays, 4.

Professor TERRY.

Courses A and B are given on alternate years. Course A will be given in 1898–99.

BOTANY.

FIRST SEMESTER.

A—*Introductory Course.* 3 hours.

Mondays, Fridays, 2–4; Wednesdays, 3.

Professor ATWELL.

The Course consists of individual investigation of the morphology and life-cycles of typical plants selected from seven of the more important natural groups. Laboratory work and informal lectures.

B—*Cryptogams.* 3 hours.

Hours to be arranged.

Professor ATWELL.

Comparative morphology of the Algæ, Fungi, and Mosses. Laboratory work and lectures.

C—*Bacteria and Physiology of Plants.* 3 hours.

Daily, 11.

Professor ATWELL.

The course involves original work. Extra hours at irregular intervals will be necessary. Five hours of laboratory work a week with quizzes and occasional lectures.

D—*Botanical Club.* 1 hour.

Wednesdays, 4.

Professor ATWELL.

Instructors and advanced students will report and discuss important articles in botanical literature.

E—*Special Problems.* 1 to 3 hours.

Hours to be arranged.

Professor ATWELL.

For advanced students special work will be laid out in the lines of investigation of the life-history, morphology, and physiology of plants.

SECOND SEMESTER.

A—*Introductory Course.* 3 hours.

Mondays, Fridays, 2–4; Wednesdays, 3.

Professor ATWELL.

The work of the first semester is extended to include the structure and morphology of flowering plants. Attention will be given to systematic botany. Laboratory and field work with recitations and informal lectures.

B—*Ferns and Flowering Plants.* 3 hours.

Hours to be arranged.

Professor ATWELL.

Comparative Morphology of Ferns, their Allies, and flowering plants. Laboratory work and lectures.

C—*Physiology of Plants.* 3 hours.

Daily, 11.

Professor ATWELL.

Experimental laboratory work, lectures and quizzes. The course should be preceded by one course in general botany or in biology.

D—*Botanical Club.* 1 hour.

Wednesdays, 3.

Professor ATWELL.

Work of the first semester continued.

E—*Special Problems.* 1 to 3 hours.

Hours to be arranged.

Professor ATWELL.

Special work for advanced students.
Major-work: Ten-year-hours.

CHEMISTRY.

FIRST SEMESTER.

A—*General Chemistry.* 4 hours.

Section I. Tuesdays, Wednesdays, Thursdays, 1:30–4.
Section II. Mondays, Fridays, 2:30–5.
Tuesdays, Thursdays, 1:30–2:30.

Professor YOUNG and Mr. GLOSS.

Lectures and laboratory work and introduction to Qualitative Analysis.

B—*Qualitative Analysis continued and Organic Chemistry.* 4 hours.

Mondays, Fridays, 1:30–4: Wednesdays, 1:30–4:30.

Professor YOUNG.

Lectures, text and laboratory work.
Course B open to those who have completed A.

C—*Quantitative Analysis, Gravimetric.* 4 hours.

Tuesdays, Thursdays, 1:30–4:30; Wednesdays, 10–12.

Professor YOUNG and Mr. GLOSS.

Course C open to those who have completed A.

D—*Problems in the application of Qualitative and Quantitative Analysis.* 2 hours.

Tuesdays, Thursdays, 10–12.

Professor YOUNG.

Examination especially of water, milk and other foods.
Course D open to those who have completed A, B, and C.

E—*Advanced Course.* 2 hours.

Professor YOUNG.

Students in D and others are offered an additional course of reading on somewhat advanced topics. The work has been based on Ostwald's Outlines of General Chemistry. Major work: A, B, and C.

SECOND SEMESTER.

A—*General Chemistry.* 4 hours.

Section I. Tuesdays, Wednesdays, Thursdays, 1:30–4.
Section II. Mondays, Fridays, 2:30–5; Tuesdays and Thursdays, 1:30–2:30.

Professor YOUNG and Mr. GLOSS.

Lectures and laboratory work, and introduction to Qualitative Analysis.

B—*Qualitative Analysis continued and Organic Chemistry.* 4 hours.

Mondays, Fridays, 1:30–4: Wednesdays, 1:30–4:30.

Professor YOUNG.

Lectures, text and laboratory work.

C—*Quantitative Analysis, Volumetric.* 4 hours.

Tuesdays, Thursdays, 1:30–4:30; Wednesdays, 10–12.

Professor YOUNG and Mr. GLOSS.

Course C open to those who have completed A.

D—*Problems in the application of Qualitative and Quantitative Analysis.* 2 hours.

Tuesdays, Thursdays, 10–12.

Professor YOUNG.

Examination especially of water, milk and other foods.
Course D open to those who have completed A, B, and C.

E—*Advanced Course.* 2 hours.

Professor YOUNG.

Students in D and others are offered an additional course of reading on somewhat advanced topics. The work has been based on Ostwald's Outlines of General Chemistry.

Major work: A, B, and C.

ELOCUTION.

FIRST SEMESTER.

A—*First Course.* 2 hours.

Section I. Mondays, Wednesdays, 4.
Section II. Tuesdays, Thursdays, 4.

Professor CUMNOCK.

Russell's Manual of Elocution and Cumnock's Choice Readings are used. Instruction is given in the management and regulation of the breath; the proper use of the body in the development of vocal energy; the most advanced knowledge of English Phonation; the most approved methods of acquiring distinct articulation; the function of the Natural and Orotund Voices; the application of Force, Stress, Pitch, Rate, Quantity, and Emphasis, and their importance in the dynamics of expressive speech; the use of inflection for the purpose of emphasis and melodious effect; the fundamental principles of Gesture and their application. Specific instruction will be given as to how exhaustion of the body in speaking may be prevented; how sore throat, occasioned by an over-use or wrong use of the vocal organs, may be avoided; how harsh quality of voice may be removed, and pure musical quality acquired, how mannerisms in melody and inflectional forms may be remedied; how awkwardness in gesture may be conquered; what is the best time for vocal practice, and how it should be regulated.

B—*Study of Masterpieces of English Eloquence.* 2 hours.

Section I. Tuesdays, Thursdays, 8.
Section II. Wednesdays, Fridays, 8.

Professor CUMNOCK.

The chief object in Course B is to establish the student in the best literary and elocutionary form, by bringing him in contact with the most perfect models. In the third term of this course the English of Shakespeare will be studied with the help of Abbott's Shakespearean Grammar.

C—*Principles of Vocal Expression.* 2 hours.

Mondays, Fridays, 9.

Professor CUMNOCK.

Course C is designed especially for the year of graduation. Great stress will be laid upon the acquisition of perfect form

in common reading and oratorical address. The written productions required each term will be carefully examined, and whenever needed, the class instruction in English style will be supplemented by personal advice and criticism.

D—*Bible, Hymn, and Liturgic Reading.* 2 hours.

Mondays, Fridays, 11.

Professor CUMNOCK.

As a result of the work in Course D, it is expected that the student will have the skill to read, with melodious effect and expressive power, the Bible, Hymn Book, and Liturgy.

SECOND SEMESTER.

A—*Russell's Manual and Cumnock's Choice Reading* continued. 2 hours.

Section I. Mondays, Wednesdays, 4.
Section II. Tuesdays, Thursdays, 4.

Professor CUMNOCK.

B—*Study of Masterpieces of American Eloquence and Shakespeare.* 2 hours.

Section I. Tuesdays, Thursdays, 8.
Section II. Wednesdays, Fridays, 8.

Professor CUMNOCK.

C—*Dramatic and Imaginative Literature.* 2 hours.

Mondays, Fridays, 9.

Professor CUMNOCK.

Instruction in Gestural Expression.

D—*Bible, Hymn, and Liturgic Reading.* 2 hours.

Mondays, Fridays, 11.

Professor CUMNOCK.

THE ENGLISH LANGUAGE.

FIRST SEMESTER.

A—*A Negative Course in Style—Four Essays.* 2 hours.

Section I. Mondays, Wednesdays, 8.
Section II. Tuesdays, Thursdays, 8.
Section III. Mondays, Fridays, 2.

Professor CLARK and Mr. GREENLAW.

B—*The Inductive Study of Prose Masterpieces* 2 hours.
Tuesdays, 10; Thursdays, 10.
Professor CLARK.

C—*A Course in Versification and Criticism.* 2 hours.
Mondays, 10; Thursdays, 11.
Professor CLARK.

D—*A Course in Old English, with the History and Early Grammar.* 2 hours.
Wednesdays, 10; Fridays, 10.
Professor CLARK.

Open to students who have completed Course A and at least one course in German.

E—*A Course in Forensics.* 2 hours.

Section I. Tuesdays, 11.
Section II. Tuesdays, 2.
Section III. Tuesdays, 3.

Professor CLARK and Mr. GREENLAW.

Open to all who have completed Course A, but the number admitted is limited. In case of an excess of applications the instructor reserves the right to select according to the records made by applicants in Course A. A course in Logic (Philosophy A) is required as a preliminary to this course.

F—*A Seminary in the Analysis of English Style.* 2 hours.
Hours to be arranged.

Open only to graduates and to Seniors making a major of English.

Professor CLARK.

G—*A Course in Oration-Writing.* 1 hour.
Friday, 9.
Professor CLARK.

SECOND SEMESTER.

A—*A Course in Rhetorical Imagery and in Synonyms—Four Essays.* 2 hours.

Section I. Mondays, Wednesdays, 8.
Section II. Tuesdays, Thursdays, 8.
Section III. Mondays, Fridays, 2.

Professor CLARK and Mr. GREENLAW.

B—*A Course in Paragraphing.* 2 hours.

Tuesdays, 10; Thursdays, 10.

Professor CLARK.

C—*The Inductive Study of Poetic Masterpieces.* 2 hours.

Mondays, 10; Thursdays, 11.

Professor CLARK.

D—*Early and Middle English.* 2 hours.

Wednesdays, 10; Fridays, 10.

Professor CLARK.

E—*Forensics.* 2 hours.

Section I. Tuesdays, 11.
Section II. Tuesdays, 2.
Section III. Tuesdays, 3.

Professor CLARK and Mr. GREENLAW.

F—*A Seminary in the Analysis of Style.* 2 hours.

Hours to be arranged.

Open only to graduates and to Seniors making a major of English.

Professor CLARK.

G—*A Course in Oration-Writing.* 1 hours.

Friday, 9.

Professor CLARK.

***Major work:** Courses A, B, C, either **D** or **E** and either **F** or G.*

ENGLISH LITERATURE.

FIRST SEMESTER.

A—*The History of English Literature from Chaucer to Dryden, 1328-1700.* 3 hours.

Section I. Mondays, Wednesdays, Fridays, 9.
Section II. Tuesdays, Thursdays, Fridays, 9.

Professor PEARSON.

Robertson's History of English Literature, or Morley and Tyler's Manual; lectures and readings from Chaucer, Spenser, Shakespeare and Milton.

B—*The History of American Literature from 1607-1837.* 2 hours.

Section I. Tuesdays, Thursdays, 8.
Section II. Tuesdays, Thursdays, 3.

Mr. GREENLAW.

C—*Longfellow, Lowell.* 2 hours.

Tuesdays, Thursdays, 8.

Professor PEARSON.

Given in 1899-1900, and in alternate years.

D—*The Early English Drama.* 2 hours.

Tuesdays, Thursdays, 11.

Professor PEARSON.

The Miracle and Morality plays; interludes; early comedies and tragedies; the immediate predecessors of Shakespeare.
Given in alternate years. Omitted in 1899-1900.

E—*Narrative and Epic Poetry.* 2 hours.

Tuesdays, Thursdays, 11.

Professor PEARSON.

Early English and Scotch ballads and the poetry of Scott.
Given in 1899-1900 and in alternate years.

F—*The Classic Poets.* 2 hours.

Wednesdays, Fridays, 11.

Professor PEARSON.

Pope and his contemporaries and successors.
Given in 1899-1900 and in alternate years.

G—*Tennyson.* 2 hours.

Wednesdays, Fridays, 11.

Professor PEARSON.

Given in alternate years. Omitted in 1899-1900.

H—*The Essayists.* 2 hours.

Tuesdays, Thursdays, 8.

Professor PEARSON.

Selected essays will be read from Bacon, Addison, Johnson, Lamb and De Quincey.
Given in alternate years. Omitted in 1899-1900.

I—*Lectures on the History of English and American Literature.* 1 hour.

Mondays, 3.

Professor PEARSON.

A weekly course running through the college year. It is intended as a partial summary of the work of Courses A and B, and is required of all candidates for a degree except those who take Course A. A small amount of collateral reading will be required. Credit for this course will not be given if Course A is also taken.

J—*The Modern Novel.* 2 hours.

Tuesdays, Thursdays, 10.

Assistant Professor NORRIS.

This course consists of lectures on the development of the novel from the time of Daniel De Foe till the middle of the nineteenth century. An occasional digression is made for the purpose of illustration and comparison.

Among the authors included in the course are William Godwin, William Beckford, Thomas Holcroft, Robert Boge, Samuel Richardson, Henry Fielding, Samuel Johnson, Oliver Goldsmith, Frances Burney, Maria Edgeworth, Jane Austen, Sir Walter Scott, John Galt, Bulwer Lytton and Theodore Hook.

PRIMARILY FOR GRADUATES.

K—*Seminary in English Literature, The Principles of Literary Criticism.* 2 hours.

Hours to be arranged.

Professor PEARSON.

Open to graduates of this University who have made English Literature a major study, or to graduates of other colleges who have done an equivalent amount of work in English Literature, and to undergraduates who have taken three courses in the department and are approved by the instructor.

SECOND SEMESTER.

A—*The History of English Literature from Pope to Wordsworth 1688–1850.* 3 hours.

Section I. Mondays, Wednesdays, Fridays, 9.

Section II. Tuesdays, Thursdays, Fridays, 9.

Professor PEARSON.

Robertson's History of English Literature, or Morley and Tyler's Manual; lectures and readings from Pope, Gray, Goldsmith, Cowper, Crabbe, Burns, Coleridge, Keats, Shelley and Wordsworth.

B—*The History of American Literature from 1837–98.* 2 hours.

Section I. Tuesdays, Thursdays, 8.
Section II. Tuesdays, Thursdays, 3.

Mr. GREENLAW.

C—*Whittier, Emerson.* 2 hours.

Tuesdays, Thursdays, 8.

Professor PEARSON.

Given in 1899–1900 and in alternate years.

D—*Selected Historical Dramas, Comedies, and Tragedies of Shakespeare.* 2 hours.

Tuesdays, Thursdays, 11.

Professor PEARSON.

Given in alternate years. Omitted in 1899–1900.

E—*Paradise Lost and Paradise Regained.* 2 hours.

Tuesdays, Thursdays, 11.

Professor PEARSON.

Given in 1899–1900 and in alternate years.

F—*Burns, Wordsworth and Byron.* 2 hours.

Wednesdays, Fridays, 11.

Professor PEARSON.

Given in 1899–1900 and in alternate years.

G—*Browning.* 2 hours.

Wednesdays, Fridays, 11.

Professor PEARSON.

Given in alternate years. Omitted in 1899–1900.

H—*The Essayists.* 2 hours.

Tuesdays, Thursdays, 8.

Professor PEARSON.

Selected essays will be read from Macaulay, Carlyle, Ruskin, Arnold, and Emerson.

Given in alternate years. Omitted in 1899–1900.

I—*Lectures on the History of English and American Literature.* 1 hour.

Mondays, 3.

Professor PEARSON.

A weekly course running through the college year. It is intended as a partial summary of the work of Courses A and B, and is required of all candidates for a degree except those who take Course A. A small amount of collateral reading will be required. Credit for this course will not be given if Course A is also taken.

J—*The Short Story in Modern Fiction.* 2 hours.

Tuesdays, Thursdays, 10.

Assistant Professor NORRIS.

This course consists of lectures tracing the development of the American Sectional Short Story. An occasional lecture is devoted to writers not American for purposes of illustration and comparison.

The course includes Sarah Orne Jewett, Mary E. Wilkins, Henry James, Brander Matthews, Mrs. Burton Harrison, Thomas Nelson Page, Rudyard Kipling, Celia Thaxter, Thomas De Quincey, James Lane Allen, Frank R. Stockton, George Eliot, George W. Cable, Constance Fenimore Woolson, Ella Peattie, Lock, Hamlin Garland and others.

PRIMARILY FOR GRADUATES.

K—*Seminary in English Literature.* The Principles of Literary Criticism. 2 hours.

Hours to be arranged.

Open to graduates of this University who have made English Literature a major study, or to graduates of other colleges who have done an equivalent amount of work in English Literature, and to undergraduates who have taken three courses in the department and are approved by the instructor.

Major work: Eleven year-hours, including either A or I.

FRENCH.

FIRST SEMESTER.

AA—*Elementary French.* 5 hours.

Daily—Section I. 8.
Section II. 9.
Section III. 11.
Section IV. 2.

Miss FREEMAN. Mr. LE DAUM.

Grammar (Chardenal). Reader (Whitney). Moi (Labiche).

A—*Modern French.* Second year. 5 hours.

Daily—Section I. 10.
Section II. 11.
Section III. 2.

Professor BAILLOT. Miss FREEMAN.

Grandgent: Composition, Parts III, IV and V. Advanced Grammar. Reading. On rend l'Argent (Coppée). Tales from Coppée and Maupassant (Cameron). Contes de Daudet (Freeborn). La Chute (Hugo). Le Monde ou l'on s'Ennuie (Pailleron).

Open to all who have completed AA. Classical and Philosophical students may elect this as a four-hour course, omitting the Composition. Scientific students may, in the second term, substitute for Lyrics and Drama a special course in scientific reading.

B—*Classic Literature.* 3 hours.

Mondays, Wednesdays, Fridays, 9.

Professor BAILLOT.

Composition. (Grandgent.)

Le Cid, Polyeucte, Athalie. Two plays of Molière.

Collateral reading: La Société Française au 17e siècle (Crane). Dictations and short lectures on the classic literature.

C—*General Review of French Literature.* 2 hours.

Tuesdays, Thursdays, 9.

Professor BAILLOT.

Demogeot's French Literature will be used as a text-book and collateral reading is assigned by the instructor.

Courses C and D given in alternate years.

D—*French Romantic School.* 2 hours.

Tuesdays and Thursdays, 9.

Professor BAILLOT.

Lectures on the Precursors of the Romantic School. Recitations from notes.

Representative works of authors of the Romantic School read and discussed in French. Not given 1898–99.

E—*Advanced French.* 2 hours.

Wednesdays, 8, during the year.

Professor BAILLOT.

The topics considered will be closely related to those of Courses C and D; but students will be expected to carry on special studies with prepared papers. For 1898–99 the assigned topics have been French Prose writers of the last quarter of the nineteenth century.

SECOND SEMESTER.

AA—*Elementary French.* 5 hours.

Daily—Section I.
Section II.
Section III.
Section IV.

Miss FREEMAN. Mr. LEDAUM.

Grandgent: Composition based on Le Siège de Berlin.

Colomba (Mérimée). Swiss Travel (Dumas). La Mare au Diable (Sand).

A—*Modern French.* Second year. 5 hours.

Daily—Section I.
Section II.

Professor BAILLOT. Miss FREEMAN.

French Lyrics (Bowen). Le Pater (Coppée). Ruy Blas (Hugo). La Débacle (Zola). Edit. Wells. Private reading: Sans Famille (Malot). Dictations. Exercises on Idioms. Essays.

B—*Literature of the Eighteenth Century.* 3 hours.

Mondays, Wednesdays, Fridays, 9.

Professor BAILLOT.

A special study is made of the principal authors of the eighteenth century. This course is a continuation of the first

semester, Course B, and is open only to students having had that course. Exercises on French Syntax.

C—*Sixteenth Century Literature.* 2 hours.

Tuesdays, Thursdays, 9.

Professor BAILLOT.

Le Seizième Siècle en France (Darmesteter and Hatzfeld). Collateral reading. Lectures.

D—*Recent French Literature.* 2 hours.

Tuesdays, Thursdays, 9.

Professor BAILLOT

Prose writers and poets of the second half of the century are considered. This course is given in French. Open only to students having had Course B. Not given in 1898–99.

E—*Advanced French.* 2 hours.

Wednesdays, 8.

Professor BAILLOT.

The course is a continuation of that given in the first semester.

F—*Old French and Early French Literature.* 1 hour.

Day and hour to be arranged.

Professor BAILLOT.

Open only to students having had Courses B and C or D.

G—*Scientific French.* 5 hours.

Hours to be arranged.

MISS FREEMAN.

Herdler's Scientific French. Articles from scientific periodicals.

H—*Conversation with Private Reading.* 1 hour.

Wednesdays, 2 to 4.

Professor BAILLOT.

Conversation with private reading. Open to those who have had AA, but registration to be subject to the approval of the head of the department.

Le Cercle Français meets on alternate Thursdays at 7:30 p. m., and is open to all students having completed courses AA and A.

J—*Conversation.* 1 hour.

Tuesdays and Thursdays, 9.

Miss FREEMAN.

Le Français Pratique (Bercy). Private Reading. Open to those who have had or are having AA.

GEOLOGY.

FIRST SEMESTER.

A—*Dynamical and Structural Geology.* 2 hours.

Mondays and Wednesdays, 10.

Professor MARCY.

A general discussion of the agencies now modifying the crust of the earth. Structure of the earth. Position of Strata, Cleavage, Formation of Mountains, Faults, Dikes, and Mineral Veins. Forms resulting from erosion. Instruction is given by prepared recitations, and lectures illustrated by lantern-slides, maps, models, museum specimens, and demonstrations in the field.

B—*Advanced Course.* 2 hours.

Tuesdays and Thursdays, 3.

Professor MARCY.

In this course topics omitted or slightly studied in Course A are taken up. Instruction is given by lectures, laboratory work with quizzes and theses. Books in the Department Library, museum specimens, maps, charts, and photographs are used by the student. Each student prepares a paper each term on the geology of some locality.

American Palæozoic and Mesozoic terranes. Characteristic fossils.

Tertiary and Pleistocene terranes. Glacial Geology.

C—*Palæontology.* 2 hours.

Hours to be arranged.

Professor MARCY.

Palæozoic Life. Determinations and reference of fossils to systematic groups, with reasons for the reference. Mesozoic Life. Determinations and descriptions of fossils.

D—*Geological Journal Club.* 1 hour.

Alternate Tuesdays, 4.

Professor MARCY.

SECOND SEMESTER.

A—*Historical Geology.* 2 hours.

Mondays, Wednesdays, 10.

Professor MARCY.

Rock systems and formations are studied in historical order. Fossil plants and animals, characteristic of the larger geological divisions of time, are studied in their botanical and their zoölogical relations.

B—*Base Levels—Migration of Divides—History of Lakes and Rivers.* 2 hours.

Tuesdays and Thursdays, 3.

Professor MARCY.

C—*Tertiary and Pleistocene (Quaternary) Life.* 2 hours.

Hours to be arranged.

Professor MARCY.

D—*Geological Journal Club.* 1 hour.

Alternate Tuesdays, 4.

Professor MARCY.

Major work: Ten year-hours in Geology and Mineralogy.

GERMAN.

FIRST SEMESTER.

AB—*Elementary Course.* 4 hours.

Section I, Mondays, Tuesdays, Thursdays, Fridays, 8.
Section II, Mondays, Tuesdays, Thursdays, Fridays, 10.
Section III, Mondays, Tuesdays, Thursdays, Fridays, 2.
Section IV, Mondays, Tuesdays, Thursdays, Fridays, 4.

Professor CURME (Section I). Assistant Professor COHN (Sections II, III, IV).

Pronunciation, grammar, selections in prose and verse, translation into German. This course is open to those who have fulfilled all the entrance requirements in language.

A—*Lessing's Minna von Barnhelm, Emilia Galotti and Nathan der Weise. Ballads and Lyrics. German Composition.* 5 hours.

Section I, Daily, 8.
Section II, Daily, 9.
Section III, Daily, 10.
Section IV, Daily, 11.

Professor CURME, Professor HATFIELD, Assistant Professor COHN, MR. ———.

Course A makes a proper sequence to the preparatory work of those who offer elementary German for entrance, as well as to Course AB. Classical and philosophical students who have taken German AB in college may elect this as a four-hour course, omitting the weekly exercise in German composition. This exercise occurs in three sections: On Tuesdays at 11, on Wednesdays at 10, on Fridays at 9.

B—*Goethe's Life and Works, 1749–1790.* 3 hours.

Section I, Mondays, Wednesdays, Fridays, 8.
Section II, Mondays, Wednesdays, Fridays, 11.
Section III, Mondays, Wednesdays, Fridays, 2.

Professor HATFIELD and Professor CURME (§ II).

During the first semester particular study will be made of Dichtung und Wahrheit, Goetz von Berlichingen, and the earlier lyrics. Open to those who have had course A. Course B may be taken a second time, with new subjects, for a credit of two hours.

C—*Goethe's Life and Works, 1790–1832.* 2 hours.

Mondays, Fridays, 3.

Professor HATFIELD.

This course naturally follows Course B. The ability to interpret German works by an effective oral rendition of the original, as well as to understand lectures delivered in German, is pre-supposed.

To be given in 1899–1900.

D—*German Literature from Luther to Goethe.* 3 hours.

Mondays, Wednesdays, Fridays, 3.

Professor HATFIELD.

The library is well supplied with materials for the careful study of this period, and certain texts will be gotten by all the

members of the class. In 1898–1899 were read representative works of Luther, Sachs, Logau, Kleist, Gellert, Gleim, Klopstock, Lessing, Wieland, Gerstenberg, Bürger, and Voss. The course was a two-hour one in 1898–1899.

Not given in 1899–1900.

E—*Advanced Group.* 2 hours.

Wednesdays, 3.

Professor HATFIELD.

The themes considered will be those described under Course C, the distinction being made that the students enrolled under E will be engaged in more special studies upon the points treated, with the help of the abundant literature contained in the libraries which are accessible. This course, which is given on the seminary plan, is intended chiefly for advanced and graduate students, and in all cases enrollment will be at the discretion of the instructor.

F—*Rapid reading of standard prose works.* 2 hours.

Tuesdays, Thursdays, 3.

Assistant Professor COHN.

Hauff, Roquette, Scheffel, Freytag, C. F. Meyer, Heyse, Seidel, and others; intended to give a free command of modern prose.

G—*Colloquial German.* One hour's credit.

Section I. Tuesdays, Thursdays, 8.

Section II. Tuesdays, Thursdays, 9.

Assistant Professor COHN.

Meissner's German Conversation and other materials. Open to all who have had one year's German, and to others by special permission. The two hours of this course count as one hour in term-credits.

H—*Advanced German Composition.* 2 hours.

Mondays, Wednesdays, 8.

Assistant Professor COHN.

Von Jagemann's Syntax and Prose Composition. Open to those who have had Course A, or its equivalent.

J—*Recent Developments in Dramatic Literature.* 2 hours.

Tuesdays, Thursdays, 4.

Professor CURME.

Since the appearance of Wildenbruch's *Die Karolinger* in 1881 there has been a marked awakening in the dramatic liter-

ature of Germany. The representative works of the three leading dramatists of this period, Wildenbruch, Hauptmann and Sudermann, are read and studied in connection with the formative influences which have been at work.

K—*Gothic.* 4 hours.

Hours to be arranged.

Professor CURME.

Streitberg's *Gotisches Elemantarbuch*, Stamm-Heyne's, *Ulfilas* and Uhlenbeck's *Wörterbuch der gotischen Sprache.*

The study of Gothic lies at the very base of the thorough study of all Germanic languages, and hence is fundamentally essential to all students who intend to study German or English historically. The phonology and inflectional systems of the language are carefully studied to secure a good basis for future work. The entire text of Stamm–Heyse's *Ulfilas* is translated into modern German. Daily exercises in etymology, word-formation, application of Grimm's and Verner's laws, etc.

Not given in 1899–1900.

L—*Old High German.* 4 hours.

Hours to be arranged.

Professor CURME.

Braune's *Althochdeutsche Grammatik* is studied carefully to secure a good basis for the study of the growth and development of High German. Braune's *Althochdeutsches Lesebuch* is translated into the modern idiom. Daily discussion of language and literary questions.

To be given in 1899–1900.

SECOND SEMESTER.

AB—*Elementary Course.* 4 hours.

Section I. Mondays, Tuesdays, Thursdays, Fridays, 8.
Section II. Mondays, Tuesdays, Thursdays, Fridays, 10.
Section III. Mondays, Tuesdays, Thursdays, Fridays, 2.
Section IV. Mondays, Tuesdays, Thursdays, Fridays, 4.

Professor CURME (Section I). Assistant Professor COHN (Sections II, III, IV).

Continuation of the work of the first semester. Prose composition.

A—*Schiller's Kabale und Liebe, Jungfrau von Orleans, and Maria Stuart. Ballads and Lyrics. German Composition.* 5 hours.

Section I. Daily, 8.
Section II. Daily, 9.
Section III. Daily, 10.
Section IV. Daily, 11.

Professor CURME. Professor HATFIELD. Assistant Professor COHN, Mr. FOREMAN and Miss CARAWAY.

See the announcement under the first semester.

B—*Goethe's Life and Works, 1749–1790.* 3 hours.

Section I. Mondays, Wednesdays, Fridays, 8.
Section II. Mondays, Wednesdays, Fridays, 11.
Section III. Mondays, Wednesdays, Fridays, 2.

Professor HATFIELD and Professor CURME. (Sec. II.)

Lyrics, Werther's Leiden, Egmont, Iphigenie, and Tasso.

C—*Schiller's Life and Works.* 2 hours.

Mondays, Fridays, 3.

Professor HATFIELD.

To be given in 1899–1900.

D—*The Poetry of Platen and Heine, studied in the light of their times.*

Not given in 1899–1900.

E—*Advanced Group.* 2 hours.

Wednesdays, 3.

Professor HATFIELD.

See the announcement of this course under the first semester. Especial attention will be given to the pedagogical treatment of Schiller's Wilhelm Tell.

F—*Rapid Reading of Standard Prose Works.* 2 hours.

Tuesdays, Thursdays, 3.

Riehl, Storm, Keller, Baumbach, Rosegger, Ebner-Eschenbach and other modern authors.

Assistant Professor COHN.

G—*Colloquial German.* One hour's credit.

Section I. Tuesdays, Thursdays, 8.
Section II. Tuesdays, Thursdays, 9.

Assistant Professor COHN.

Fischer's Wildermuth's Einsiedler and other materials.

H—*Advanced German Composition.* 2 hours.

Mondays, Wednesdays, 8.

Assistant Professor COHN.

White's selections for German Prose Composition with specially assigned work.

J—*Recent Developments in German Literature.* 2 hours.

Tuesdays, Thursdays, 4.

Professor CURME.

K—*Comparative Grammar and Old Saxon.* 4 hours.

Hours to be arranged.

Professor CURME.

(a) COMPARATIVE GRAMMAR. The phonology and inflectional systems of Gothic are compared with other languages of the Indo-European family. Streitberg's *Urgermanische Grammatik* is used as a text. Parts of Wilmanns' *Lautlehre* and Bethge's *Laut-und Formenlehre* are also used. (2 hours weekly.)

(b) OLD SAXON. Gallée's *Altsächsische Grammatik* and Behaghel's *Hêliand.* (2 hours weekly.)

Not given in 1899–1900.

L—*Middle High German.* 4 hours.

Hours to be arranged.

Professor CURME.

Paul's *Mittelhochdeutsche Grammatik*, Hartmann von Aue's *Der arme Heinrich.* Zarncke's edition of the *Nibelungenlied; Kudrun.* On account of the beauty of the masterpieces of this period more attention is paid to the literature for its own sake than in the older periods, where language questions claimed relatively more consideration.

To be given in 1899–1900.

Major work: Nine year-hours from courses beyond A.

GREEK.

FIRST SEMESTER.

AA—*White's First Greek Book.* 5 hours.

Mondays, Tuesdays, Wednesdays, Thursdays, Fridays, 10.

Associate Professor SCOTT.

AB—*Xenophon's Anabasis, Books II, III. Twenty lessons in Greek Composition.* 5 hours.

Mondays, Tuesdays, Wednesdays, Thursdays, Fridays, 8.

Mr. CONNER.

Courses AA and AB are designed for students who, entering college without Greek, desire to take up the study and complete the requirements for the degree of A. B.

A—*Lysias Select Orations as a basis for Greek Composition. Homer.* 5 hours.

Section I.

Mondays, Tuesdays, Wednesdays, Thursdays, Fridays, 9.

Associate Professor SCOTT.

Lysias Select Orations. Xenophon's Memorabilia of Socrates. Greek Composition based on the text. 5 hours.

Section II.

Mondays, Tuesdays, Wednesdays, Thursdays, Fridays, 11.

Professor BAIRD.

B—*Æschines against Ctesiphon, Sophocles Antigone.* 3 hours.

Tuesdays, Wednesdays, Thursdays, 10.

Professor BAIRD.

C—*Selections from Greek Lyric Poets. Æschylus. Prometheus Bound.* 3 hours.

Mondays, Wednesdays, Fridays, 3.

Professor BAIRD.

One hour per week is devoted to lectures on the history of Greek Poetry from Homer to Pindar. A large portion of each author is read in translation.

To be given in 1899–1900.

D—*Demosthenes on the Crown.* 3 hours.

Mondays, Wednesdays, Fridays, 3.

Professor BAIRD.

One hour per week is devoted to lectures on the history of Greek Prose Literature from Herodotus to Demosthenes. A large portion of each author is read in translation.

To be given in 1898–99; omitted in 1899–1900.

E—*Greek Life.* 1 hour.

Tuesdays, 3.

Professor BAIRD.

Given in 1899–1900 and in alternate years.

F—*History of Greek Art.* 1 hour.

Thursdays, 3.

Professor BAIRD.

In the first semester the class will discuss Art from its beginning to the age of Pericles. Lecture and text-book, Gardner's Handbook of Greek Sculpture. A large collection of photographs and the casts in the Art Institute of Chicago will be utilized for illustration.

PRIMARILY FOR GRADUATES.

G—*Homer and Greek Epic Poetry.* 3 hours.

Tuesdays, Thursdays, Fridays, 4.

Associate Professor SCOTT.

Interpretation of selected passages from the Odyssey. Discussion and outline of the different books of the Odyssey. A study of the Homeric dialect and verse. The Odyssey is read entire. Lectures are given on subjects connected with the study of Homer.

Omitted 1899–1900.

H—*Greek Dramatic Poetry.* 4 hours.

Associate Professor SCOTT.

Interpretation of selected passages from Æschylus and Sophocles. A careful study of their metres, language and dramatic art. Lectures will be given on subjects connected with the study of Greek Dramatic Poetry.

Given in 1898–99; omitted in 1899–1900.

I—*Greek Historians.* 4 hours.

Hours to be arranged.

Associate Professor SCOTT.

PRIMARILY FOR GRADUATES.

Herodotus with a careful study of his language and his place as an historian. Students will prepare papers on assigned topics.

Given in 1899–1900.

K—*Greek Political Institutions.* 1 hour.

Tuesdays, 3.

Associate Professor SCOTT.

This course of lectures is given in alternate years. Omitted 1899–1900.

Major work: courses A, B, C, and D.

L—*Greek Prose Composition.* 2 hours.

Hours to be arranged.

Associate Professor SCOTT.

Elective for students who have completed Greek A.

N—*The Synoptic Gospels.* 3 hours.

Tuesdays, Wednesdays, Thursdays, 10.

Professor BRADLEY.

SECOND SEMESTER.

AA—*White's First Greek Book Completed and First Book of Xenophon's Anabasis. Greek Composition.* 5 hours.

Mondays, Tuesdays, Wednesdays, Thursdays, Fridays, 10.

Associate Professor SCOTT.

AB—*Xenophon's Anabasis, Book IV. Greek Composition, 10 Lessons, and First Three Books of Homer's Iliad.* 5 hours.

Mondays, Tuesdays, Wednesdays, Thursdays, Fridays, 8.

Mr. CONNER.

A—*Work same as in first semester. Sections interchanging topics and instructors.*

B—*Plato's Gorgias.* 3 hours.

Tuesdays, Wednesdays, Thursdays, 10.

Professor BAIRD.

C—*Aristophon's Clouds. Euripides' Medea.* 3 hours.

Mondays, Wednesdays, Fridays, 3.

Professor BAIRD.

One hour per week is devoted to lectures on the Greek Drama and the careful study in translation of the best plays not read in the original.

Omitted 1898-99. Given 1899-1900.

D—*Selections from Plato's Republic and Lucian.* 3 hours.

Mondays, Wednesdays, Fridays, 3.

Professor BAIRD.

One hour per week is devoted to lectures on Greek Prose Literature from Demosthenes to the Greek Church Father. A considerable portion of the most important authors is read in translation.

Given in 1898-99. Omitted in 1899-1900.

E—*Greek Life. Continuation of work of first semester.* 1 hour.

Tuesdays, 3.

Professor BAIRD.

F—*History of Greek Art from the Age of Pericles to the Græco-Roman Period.* 1 hour.

Thursdays, 3.

Professor BAIRD.

Work will include lectures and recitations. Gardner'sHandbook of Greek Sculpture. Numerous photographs and the collection of casts in the Art Institute, Chicago, will be utilized for illustration.

PRIMARILY FOR GRADUATES.

G—*Homer and Greek Epic Poetry.* 3 hours.

Tuesdays, Thursdays, Fridays, 4.

Associate Professor SCOTT.

Interpretation of selected passages from the Iliad. Discussion of the different books of the Iliad. The Homeric ques-

tion will be discussed and lectures given on subjects connected with the study of Homer.

Omitted in 1899–1900.

H—*Greek Dramatic Poetry.* 4 hours.

Associate Professor SCOTT.

A careful study of selected passages from Sophocles and Euripides. Papers will be prepared by the students on assigned topics. Their critical work must be accompanied by wide reading. Lectures will be given in connection with the subjects studied.

Primarily for graduates.

Given in 1898–99. Omitted in 1899–1900.

I—*Greek Historians.* 4 hours.

Hours to be arranged.

Associate Professor SCOTT.

Xenophon. Study will be given to his place as an historian, but more especially to his language.

This course is intended to familiarize the student with Attic Prose.

Primarily for graduates.

Given in 1899–1900.

L—*Greek Prose Composition.* 2 hours.

Hours to be arranged.

Associate Professor SCOTT.

Continuation of course L as given in the first semester.

N—*Acts of the Apostles.* 3 hours.

Tuesdays, Wednesdays, Thursdays, 10.

Professor BRADLEY.

Major work: A, B, C and D.

HEBREW.

FIRST SEMESTER.

A—*Elements of Hebrew.* 4 hours.

Tuesdays, Wednesdays, Thursdays, Fridays, 9.

Professor HORSWELL.

B—*Historical Books.* 3 hours.

Wednesdays, Thursdays, Fridays, 8.

Professor HORSWELL.

Courses of study in the Hebrew Language and Literature are offered in Garrett Biblical Institute. Students in the College of Liberal Arts desiring to elect Hebrew must receive from the Committee on Registration a certificate of approval. Final arrangements are to be made with the instructor in charge.

SECOND SEMESTER.

A—*Elements of Hebrew.* 4 hours.

Tuesdays, Wednesdays, Thursdays, Fridays, 9.

Professor HORSWELL.

B—*Historical Books.* 3 hours.

Wednesdays, Thursdays, Fridays, 8.

Professor HORSWELL.

HISTORY.

FIRST SEMESTER.

A—*English History to the Restoration.* 3 hours.

Mondays, Wednesdays, Fridays, 3.

Professor SHEPPARD.

B—*English Constitutional History.* 2 hours.

Wednesdays, Fridays, 2.

Professor SHEPPARD.

C—*Colonial History.* 2 hours.

Tuesdays, Thursdays, 11.

Professor SHEPPARD.

French and Indian War and Revolution.

D—*Grecian History.* 2 hours.

Tuesdays, Thursdays, 9.

Mr. HARRIS.

Political and Social History of Greece from earliest times to the Roman Conquest. Constant use of the library for study of the sources, preparation of maps, and examination of best works available in this field.

E—*Continental Europe during the Middle Ages.* 3 hours.

Mondays, Wednesdays, Fridays, 10.

Professor JAMES.

This course is intended to furnish an outline of the history of Europe between ancient and modern times. It deals with the political, intellectual and religious development of the period. Text-books, topics, lectures.

F—*Continental Europe from the Renaissance to the French Revolution.* 2 hours.

Tuesdays, Thursdays, 3.

Professor JAMES.

The object of the course is to study the political and intellectual influences and the growth of absolutism prior to the Revolutionary period. Methods the same as in Course E.

G—*Continental Europe since the Outbreak of the French Revolution.* 3 hours.

Mondays, Wednesdays, Fridays, 9.

Professor JAMES.

Political History, showing the progress of Democracy and aiming to give an understanding of the present condition of European politics. Methods the same as in course E.

H—*History of Greek Political Institutions.* 1 hour.

Hour to be arranged.

Professor BAIRD.

This lecture course is intended primarily for advanced students. It will be given in 1899–1901 and in alternate years.

J—*History of Germanic Institutions.* 1 hour.

Hour to be arranged.

Professor JAMES.

This course is intended to alternate with course H and may be expected in 1900–1901.

L—*Church History.* 3 hours.

Tuesdays, Wednesdays, Fridays, 10.

Professor LITTLE.

Post-Nicene History of the Christian Church. Christianity within the Roman Empire; the Struggle of the Church with

Paganism, with Barbarism, and with Mohammedanism; the Development of the Hierarchy; the Rivalries of the Patriarchates; the Upbuilding of the Papacy and the Growth of Monachism; the Relations of the Popes to the Byzantine, Frankish, and German Emperors; the Crusades; the Growth and Decay of Papal Power; the Monastic Schools; the Universities; the Mendicants and Mediæval Heretics; Scholasticism and Superstition; the Church and Mediæval Society.

M—*Seminary in American History.* 1-2 hours.

Hours to be arranged.

Professor JAMES.

Open only to those whom the professor in charge considers qualified. One meeting each week of one or two hours; but each student must give sufficient time to outside research to entitle him to three hours of credit. In the case of graduate students additional credits may be acquired if arranged for at the time of registration. During the year 1898–99 the time was given to the study of the period in American History, 1789–1820, using the original sources as a basis for the work.

N—*Historical Club.* 1 hour each month.

Hour to be arranged.

Professors SHEPPARD and JAMES and Mr. HARRIS.

Papers are given by instructors and advanced students. Reviews of new books and other historical literature are presented.

SECOND SEMESTER.

A—*English History from the Restoration to Contemporary Times.* 3 hours.

Mondays, Wednesdays, Fridays, 3.

Professor SHEPPARD.

B—*English Constitutional History continued, and History of Civilization.* 2 hours.

Wednesdays, Fridays, 2.

Professor SHEPPARD.

C—*Constitutional History of the United States.* 2 hours.

Tuesdays, Thursdays, 11.

Professor SHEPPARD.

D—*Roman History.* 2 hours.

Tuesdays, Thursdays, 9.

Mr. HARRIS.

Political and Social History of Rome from earliest times to the fall of the empire in the West. Constant use of the library for study of the sources, preparation of maps, and examination of the best works available in this field.

E—*Continental Europe During the Middle Ages.* 3 hours.

Mondays, Wednesdays, Fridays, 10.

Professor JAMES.

Continuation of the work of the first semester. Some of the subjects considered are: Struggle between the Empire and the Papacy; Crusades, and the Renaissance.

F—*Continental Europe from the Renaissance to the French Revolution.* 2 hours.

Tuesdays, Thursdays, 3.

Professor JAMES.

Continuation of the work of the first semester. Subjects considered: Reformation; Thirty Years' War; Triumph of French Absolutism in the Reign of Louis XIV.; Frederick the Great and Prussian Ascendency.

G—*Continental Europe Since the Outbreak of the French Revolution.* 3 hours.

Mondays, Wednesdays, Fridays, 9.

Professor JAMES.

Continuation of the work of the first semester. Unification of Germany and of Italy; the Eastern Question; Present Political Conditions.

H—*History of Roman Political Institutions.* 1 hour.

Hour to be arranged.

Professor BONBRIGHT.

J—*History of Germanic Institutions.* 1 hour.

Hour to be arranged.

Professor JAMES.

Continuation of the work of the first semester.

L—*Church History.* 3 hours.

Tuesdays, Wednesdays, Fridays, 10.

Professor LITTLE.

Continuation of the work of the first semester and a consideration of the History of the Modern Church.

M—*Seminary in American History.* 1–2 hours.

Hours to be arranged.

Professor JAMES.

Continuation of the work of the first semester.

N—*Historical Club.* 1 hour each month.

Hour to be arranged.

Professors SHEPPARD and JAMES and Mr. HARRIS.

Continuation of the work of the first semester.
Major work: ten year-hours.

ITALIAN.

FIRST SEMESTER.

A—*Elementary Italian.* 3 hours.

Mondays, Wednesdays, Fridays, 9.

Miss FREEMAN.

Grandgent's Grammar: Bowen's Reader Cuore (D'Amici). Manzoni; I Promessi Sposi.

SECOND SEMESTER.

A—*Italian Literature.*

Mondays, Wednesdays, Fridays, 9.

Miss FREEMAN.

Modern Prose Tales. Dante (40 cantos); Private Reading; Alberto (D'Amici); Collateral reading required: Howell's *Italian Poets*, Symonds' *Introduction to Dante*, Church's *Dante*, Rossetti's *Dante and his Circle.* The courses in Italian and Spanish will be given in alternate years. The course in Italian will be given in 1899–1900.

LATIN.

FIRST SEMESTER.

A—*Livy, Books I, XXI, and XXII; practice in reading at sight. Latin composition, with grammatical reviews.*

5 hours.

Section I. 9.
Section II. 10.
Section III. 2.

Dr. LONG.

B—*Horace, Odes and selections from the Satires and Epistles.*

3 hours.

Section I. Tuesdays, Wednesdays, Fridays, 9.
Section II. Mondays, Wednesdays, Fridays, 11.

Professor BONBRIGHT.

C—*Roman Satire, Juvenal; Martial, selected Epigrams.*

3 hours.

Tuesdays, Thursdays, Fridays, 10.

Professor BONBRIGHT.

Introductory lectures will be given on the development of Satiric poetry. Papers by the class on topics in Roman private and social life suggested by the selections read.

D—*Catullus and the Latin Elegists.* 3 hours.

Tuesdays, Thursdays, Fridays, 10.

Professor BONBRIGHT.

Elegiac poetry will be studied in its leading Latin examples, with lectures tracing its history from Alexandrian and earlier Greek types.

Courses C and D given alternately, course D in 1899-1900.

E—*Lucretius, selections amounting to about three books.*

Twice a week.

Mondays, 10, Thursdays, 2.

Professor BONBRIGHT.

The reading, aided by lectures, will aim at an appreciation of the mind and literary art of Lucretius, and also at an understanding of his philosophy as a phase in the history of speculative thought.

F—*Latin Comedy—Plautus.* Twice a week.

Professor BONBRIGHT.

Two or three plays will be read, preceded by a study of the history, character, and social conditions of the Roman drama.

Courses E and F given alternately, course E in 1899–1900.

G—*Advanced work based on courses E and F, in alternate years, as above.* 1 or 2 hours.

Hours to be arranged.

Professor BONBRIGHT.

Private reading, with preparation of papers, supplementing class study. The course is designed primarily for graduate students.

H—*Vergil, Bucolics and Georgics.* 2 hours.

Dr. LONG.

Lectures will be given introductory to the general study of Vergil which will be continued throughout the year.

Course H omitted in 1899–1900.

K—*Cicero, Selection of the Orations.* 2 hours.

Hours to be arranged.

DR. LONG.

Study of Cicero's rhetorical method and style; readings from the rhetorical works.

SECOND SEMESTER.

A—*Cicero, De Senectute and Selected Letters; Terence, two plays; sight-reading; Latin composition.* 5 hours.

Section I. 9.
Section II. 10.
Section III. 2.

Dr. LONG.

B—*Tacitus, Germania and Agricola, or selections from the Histories.* 3 hours.

Section I. Tuesdays, Wednesdays, Fridays, 9.
Section II. Mondays, Wednesdays, Fridays, 11.

Professor BONBRIGHT.

C—*Horace, Literary Epistles; Tacitus, Dialogus.* 3 hours.

Tuesdays, Thursdays, Fridays, 10.

Professor BONBRIGHT.

The readings, selected chiefly from the longer Epistles of Horace, with a few of the Satires, will be studied with attention to their import for the criticism and history of Latin poetry.

D—*Quintilian, selections.* 3 hours.

Tuesdays, Thursdays, Fridays, 10.

Professor BONBRIGHT.

Courses C and D given in alternate years, course D in 1899–1900.

E—*Schools of Philosophy at Rome—Cicero's philosophical works, selections.* Twice a week.

Mondays, 10, Thursdays, 2.

Professor BONBRIGHT.

The selections from Cicero will be supplemented by prescribed private reading on topics in the History of Philosophy.

F—*Tacitus, Annals, Books I–VI, selections.* Twice a week.

Mondays, 10, Thursdays, 2.

Professor BONBRIGHT.

Study of the record on the Principate of the early empire, with private reading and comparison of divergent views on the life and administration of Tiberius.

Courses E and F given alternately, course E in 1899–1900.

G—*Advanced work in courses E and F in alternate years, as above.* 1 or 2 hours.

Professor BONBRIGHT.

Private reading, with preparation of papers, supplementing class study.

The course is intended primarily for graduate students.

H—*Epic Poetry—Vergil, the Æneid.* 2 hours.

Hours to be arranged.

DR. LONG.

Reading and critical study of the Æneid, with preparation of papers on assigned topics; lectures on the Roman Epic.

Omitted in 1899–1900.

K—*Latin Composition.* 2 hours.

Dr. LONG.

Practice in writing Latin, based in part on standard prose selections; topics in grammar and principles of Latin prose style. The course is designed especially for those who expect to teach.

LAW.

FIRST SEMESTER.

A—*The Elements of the Common Law.* 2 hours.

Wednesdays, Fridays, 3.

President ROGERS.

The course is intended to explain the origin of law, the relation of statute law to customary law, the nature of legal rights and legal remedies, the elementary principles of the law of real and personal property, as well as of contracts and of crimes.

A text-book is studied in connection with lectures.

The course will be given in 1899–1900, and in alternate years.

B—*The Elements of International Law.* 2 hours.

Wednesdays, Fridays, 3.

President ROGERS.

The instruction is intended to ground the student in the fundamental principles of Public International Law. It deals with the nature, sources, and history of International Law, as well as with the principles which regulate the relations and intercourse of nations in times of peace and of war, and it also treats of the condition of States which during war do not participate in the contest, but continue pacific intercourse with the belligerents, and the most important portions of the diplomatic history of this country.

Instruction is by lectures.

The course is given in 1898–99, and in alternate years.

C—*The Elements of Roman Law.* 2 hours.

Tuesdays, Thursdays, 11.

Dr. LONG.

The course in Roman Law is intended not only for students of Latin, but also for those who desire later to pursue studies in Modern Law or Comparative Jurisprudence.

Instruction is based on Morey's Outlines and is supplemented by lectures and collateral reading.

The course will be given in 1899–1900, and in alternate years.

D—*The Institutes of Gaius.* 2 hours.

Tuesdays, Thursdays, 11.

Dr. LONG.

The course, for special reasons, will be omitted in 1898–99.

A text-book is studied in connection with lectures.

Administrative Law.

For the course in Administrative Law, see p. 120.

SECOND SEMESTER.

A—*The Elements of Constitutional Law.* 2 hours.

Wednesdays, Fridays, 3.

President ROGERS.

The object of this course is to acquaint the student with the general principles of the Constitution of the United States, and to familiarize him with the origin and development of the Constitutional Law of this country. The instruction is intended to explain the relations which exist between the United States and the several states, the powers of the different departments of government, the civil and political rights of citizenship, and the various constitutional guaranties, as well as to acquaint the student with the main distinctions which exist between the Constitution of the United States and those of the leading European nations.

A text-book is studied in connection with lectures.

The course will be given in 1899–1900, and in alternate years.

B—*Diplomacy and the History of Treaties.* 2 hours.

Wednesdays, Fridays, 3.

President ROGERS.

The purpose is to acquaint the student with the rights and obligations of diplomacy, the immunities of diplomats, the principles regulating the exercise of the treaty-making power, as well as with a knowledge of the more important European treaties, and particularly with a knowledge of the treaties of the United States.

The course is given in 1898–99.

Administrative Law.

For the course in Administrative Law, see p. 122.

MATHEMATICS.

FIRST SEMESTER.

A—*Algebra.* 4 hours.

Section I. Tuesdays, Wednesdays, Thursdays, Fridays, 8.
Section II. Tuesdays, Wednesdays, Thursdays, Fridays, 9.
Section III. Mondays, Tuesdays, Wednesdays, Thursdays, 11.
Section IV. Mondays, Tuesdays, Wednesdays, Thursdays, 2.
Section V. Mondays, Tuesdays, Wednesdays, Thursdays, 3.

Professor HOLGATE, Mr. KEPPEL, and Dr. STECKER.

This course is required of all candidates for a degree, except those who take Course AB.

AB—*Algebra and Plane Trigonometry.* 5 hours.

Section I. Mondays, Tuesdays, Wednesdays, Thursdays, Fridays, 10.
Section II. Mondays, Tuesdays, Wednesdays, Thursdays, Fridays, 11.

Professor WHITE and Mr. KEPPEL.

This course may be taken as a substitute for Course A. It fulfills in one year the mathematical requirement for the Bachelor of Science degree. Students intending to complete a Major in mathematics are advised to take this course in their first year.

B—*Plane Analytical Geometry.* 3 hours.

Mondays, Wednesdays, Fridays, 8.

Professor WHITE.

For the second semester, either course B or course E may be elected as a continuation of this course.

BB—*Differential Calculus.* 3 hours.

Mondays, Wednesdays, Fridays, 9.

Professor WHITE.

Students must have completed Course AB, or the first semester of Course B.

C—*Elementary Mechanics. Statics.* 3 hours.

Mondays, Wednesdays, Fridays, 9.

Professor HOLGATE.

Course C is open to all students who have completed Course A.

D—*Determinants and Theory of Equations.* 2 hours.

Tuesdays, Thursdays, 9.

Professor WHITE.

F—*Geometrical Applications of the Calculus.* 3 hours.

(Omitted in 1898–99; to be given in 1899–1900.)

Professor WHITE.

G—*Analytical Geometry. An advanced course.* 3 hours.

Mondays, Wednesdays, Fridays, 8.

Professor HOLGATE.

H—*Modern Synthetic Geometry.* 3 hours.

Mondays, Wednesdays, Fridays, 10.

Professor HOLGATE.

Students electing this course must have completed one year of Course B, C, or BB.

J—*Integral Calculus. An advanced course.* 3 hours.

Mondays, Wednesdays, Fridays, 2.

To be omitted in 1899–1900.

Professor WHITE.

Definite Integrals, Multiple Integrals, the Eulerian and the Elliptic Integrals will be studied, together with the simplest Differential Equations. Students must have completed Course B or BB.

K—*Analytical Mechanics. An advanced course.* 2 hours.

Tuesdays, Thursdays, 8.

Professor HOLGATE.

Course B, or its equivalent, is a pre-requisite for this course.

PRIMARILY FOR GRADUATES.

M—*Plane Curves of the third order.* 2 hours.

Mondays, Wednesdays, 3.

Professor WHITE.

In these lectures chiefly the analytical methods are used. Students must have completed Course G, or an equivalent.

N—*The Theory of Numbers. Quadratic Forms.* 2 hours.

(Hours at the discretion of the instructor.)

Professor HOLGATE.

SECOND SEMESTER.

A—*Plane Trigonometry.* 4 hours.

Section I. Tuesdays, Wednesdays, Thursdays, Fridays, 8.

Section II. Tuesdays, Wednesdays, Thursdays, Fridays, 9.

Section III. Mondays, Tuesdays, Wednesdays, Thursdays, 11.

Section IV. Mondays, Tuesdays, Wednesdays, Thursdays, 2.

Section V. Mondays, Tuesdays, Wednesdays, Thursdays, 3.

Professor HOLGATE, Mr. KEPPEL, Dr. STECKER.

AB—*Plane Analytical Geometry.* 5 hours.

Section I. Mondays, Tuesdays, Wednesdays, Thursdays, Fridays, 10.

Section II. Mondays, Tuesdays, Wednesdays, Thursdays, Fridays, 11.

Professor WHITE and Mr. KEPPEL.

B—*Differential and Integral Calculus.* 3 hours.

Mondays, Wednesdays, Fridays, 8.

Professor WHITE.

BB—*Integral Calculus.* 3 hours.

Mondays, Wednesdays, Fridays, 9.

Professor WHITE.

C—*Elementary Mechanics. Kinetics.* 3 hours.
Mondays, Wednesdays, Fridays, 9.
Professor HOLGATE.

D—*Theory of Equations, continued.* 2 hours.
Tuesdays, Thursdays, 9.
Professor WHITE.

E—*Solid Analytical Geometry.* 2 hours.
Mondays, Wednesdays, Fridays, 2.
This course may be elected as a continuation of Course B of the first semester.
Professor HOLGATE.

F–*Geometrical Applications of the Calculus, continued.* 3 hours.
(Omitted in 1898–99; to be given in 1899–1900.)
Professor WHITE.

G—*Analytical Geometry, continued.* 3 hours.
Mondays, Wednesdays, Fridays, 8.
Professor HOLGATE.

H—*Modern Synthetic Geometry, continued.* 3 hours.
Mondays, Wednesdays, Fridays, 10.
Professor HOLGATE.

J—*Differential Equations.* 2 hours.
Tuesdays, Thursdays, 10.
To be omitted in 1899–1900.
Professor WHITE.

K—*Analytical Mechanics, continued.* 2 hours.
Tuesdays, Thursdays, 8.
Professor HOLGATE.

PRIMARILY FOR GRADUATES.

M—*Geometrical Applications of Elliptic Functions.* 2 hours.
Mondays, Wednesdays, 3.
Professor WHITE.

N—*Theory of Functions of a Complex Variable.* 2 hours.
Hours to be arranged.
Professor HOLGATE.

Major Work: Fifteen year-hours, including Courses A or AB, and B or BB.

MINERALOGY AND PETROLOGY.

FIRST SEMESTER.

A—*General Mineralogy.* 3 hours.

Lecture, Fridays, 9. Laboratory hours can be arranged Mondays to Fridays, inclusive, 8–12.

Professor CROOK.

A study of the shape, composition, color and other physical properties, the manner of formation and growth, and the use of minerals. The aim is to acquire ability to recognize common minerals and to gain a knowledge of the laws of the mineral kingdom.

B—*Petrology.* 3 hours.

Lecture, Mondays, 11. Laboratory hours can be arranged Mondays to Fridays, inclusive, 8–12.

Professor CROOK.

This course is open to those who have completed A, and deals with the optical characteristics and microscopical physiography of rock-forming minerals.

C—*Economic Geology.* 1 hour.

Wednesdays, 4. (After 1898–1899 Tuesdays, 4).

Professor CROOK.

This course involves a study of the qualities and the conditions of the metals, gems and other useful minerals in the earth; the means employed in obtaining them; the quarrying of building stone; the mining of coal; the production of petroleum and related articles; methods of draining and irrigation. These subjects are illustrated by maps, charts, lantern slides and materials. References: Tarr's "Economic Geology," Phillips' "Ore Deposits," Geological Survey Reports, Encyclopedias.

Open to all comers.

D—*Physical Crystallography.* 2 hours.

Hours to be arranged.

Professor CROOK.

Optical, thermal, magnetic and molecular properties of crystals. Wooden and glass models, reflecting goniometer and microscope used.

Williams' "Elements of Crystallography" and Groth's "Physikalische Krystallographie."

E—*Field Geology.* 2 hours.

Saturdays.

Professor CROOK.

A study in the field of such geological phenomena as the region affords, as for example: ice and water action, stratification, joints, fissures, occurrence of building stone and minerals of the neighborhood. The purpose is to learn methods of geological field-work and of reporting on observations made.

Open to all taking other work in the Departments of Mineralogy and of Geology.

F—*Advanced Course.* 3 hours.

Hours to be arranged.

Professor CROOK.

Special work in the investigation of rocks and minerals.

G—*Mineralogical Journal Club.* 1 hour.

Alternate Tuesdays, 4. (Hereafter alternate Wednesdays).

SECOND SEMESTER.

A—*General Mineralogy; Blowpipe Analysis.* 3 hours.

Lecture, Fridays, 9. Laboratory hours can be arranged Mondays to Fridays, 8–12.

Professor CROOK.

Investigation and determination of minerals by wet and dry methods of analysis.

B—*Petrology.* 3 hours.

Lecture, Mondays, 11. Laboratory hours can be arranged Mondays to Fridays, 8–12.

Professor CROOK.

Macroscopic and microscopic physiography of rocks; their growth and decay; classification.

C—*Economic Geology.* 1 hour.

Wednesdays, 4. (Hereafter Tuesdays, 4).

Professor CROOK.

Continuation of work of first semester, but open to newcomers.

D—*Physical Crystallography.* 2 hours.

Hours to be chosen.

Professor CROOK.

Continuation of work of first semester.

E—*Field Geology.* 2 hours.

Saturdays.

Professor CROOK.

F—*Advanced Course.* 3 hours.

Hours to be chosen.

Professor CROOK.

G—*Mineralogical Journal Club.* 1 hour.

Alternate Tuesdays, 4. (Hereafter alternate Wednesdays).

Professor CROOK.

Major work: ten year-hours.

MORAL AND SOCIAL PHILOSOPHY.

FIRST SEMESTER.

A—*Ethics.* 3 hours.

Mondays, Wednesdays, Fridays, 9.

Professor CALDWELL.

Analysis of the phenomena of the moral consciousness. The theory of Ethics, with critical survey of the chief ethical theories. Nineteenth Century Ethics. The Ethics of Evolution, and the Ethics of "Idealism." The "Ethical Movement" of to-day.

A chief feature of this course is class-room discussion, based upon the Lectures, upon Mackenzie's *Manual of Ethics*, and upon the problems and difficulties of the members of the class.

Open to students who have completed 60 semester hours.

B—*Social Psychology.* 2 hours.

Hours to be arranged to suit students.

Professor CALDWELL.

The attempts of recent American and European philosphers and psychologists to construct a theory of the social mind and the social will.

Study of Professor Baldwin's *Social and Ethical Interpretations of Mental Development* or of Le Bon's book's (translated) or the psychology of crowds, or of the writing of Sidis and others upon social suggestion, social development, social ignorance, etc. Investigation by students of different phases of the logic and mind of society.

Open to students who have completed Course A in this department or Course A in Philosophy (Logic and Psychology).

C—*Social Philosophy—Advanced.* 2 hours.

Thursdays at 8; other hour as convenient.

Professor CALDWELL.

Social theories of leading thinkers ancient and modern. Tendencies in contemporary social philosophy ("English" and Foreign). The philosophy of social advance and of social reform.

Readings and analyses of authors. Reports and discussions.

Open to students who have completed Course A.

D—*Philosophy of History.* 2 hours.

Hours to be arranged to suit students.

Professor CALDWELL.

Study of such works as Hegel's *Philosophy of History*, or of the opinions (found in magazines and books) of such men as Comte, Buckle, Spencer, Huxley, Lecky, Mallock, Kidd, Crozier upon the theory of the mental and moral evolution of humanity.

Mainly for senior or graduate students who wish to connect the facts of knowledge (of the sciences and philosophy) and the ideals of ethics and religion with a true theory of human development. Study of sociology as philosophy of history (Stein, Barth and other recent writers).

E—*Social Philosophy. Practical Problems.* 2 hours.

Hours to suit convenience of students.

Professor CALDWELL.

Brief class-room study of some introductory, practical book, such as Henderson's *Social Elements.* Investigation by students (under direction) of social conditions, problems, agen-

cies, institutions. Intended to start students in the work of social observation and reflection.

Credit given for time spent in investigation.

Open to students who have completed 30 hours.

F—*Seminary in Ethical Philosophy.*

Research study of any topic connected with the work of the different courses in ethics.

Time to be arranged. Credit, for undergraduates, 3–4 hours according to arrangement. For graduates as may be arranged.

SECOND SEMESTER.

A—*Social Philosophy. General Introductory Course.* 3 hours.

Mondays, Wednesdays, Fridays, 9.

Professor CALDWELL.

The problem of social philosophy and the principles of sociology, the nature of the social problem and of social science; the conclusions of anthropology and of the other sciences on which sociology rests; the theory of sociology by reference to the work of the leading social philosophers. Practical application of sociological principles to the chief social problems.

This course attempts to outline that application of science and philosophy to society and social problems which is such a characteristic tendency of to-day. And also to point out the main lines along which social advance may best be made.

Lectures, use of some serviceable manual such as that of Giddings, readings, reports, practical investigations.

There will be scope for discussion as in the first semester.

Open to students who have completed 60 semester hours.

B—*Social Psychology.* 2 hours.

Hours to be arranged to suit students.

Professor CALDWELL.

Continuation of the work of the first semester.

C—*Ethical Philosophy. Advanced.* 2 hours.

Thursdays at 8; other hour as convenient.

Professor CALDWELL.

Reading and analysis of advanced works upon ethics, such as the writings of Kant, Hegel, Wundt, Gizycki, Sidgwick, Green, Sorley, Seth, Bradley, Alexander, Royce, etc., etc.

Lecture and study notes upon special topics such as the Metaphysic of Ethics, the Logic (methods) or Psychology of Ethics, the Art of Conduct, the Moral Ideal, Social or Political or Religious Ethics, etc. Or, study of special periods in the history of Ethical growth, or of Ethical speculation, such as the Ethics of the Greeks, or of German philosophers, etc.

Open to students who have completed Course A.

D—*Practical Ethics.* 2 hours.

Hours to suit convenience of students.

Professor CALDWELL.

Class-room study and discussion of such books as Royce's *Studies in Good and Evil*, Sidgwick's *Practical Ethics*, or Sheldon's *An Ethical Movement*, Giles's *Moral Pathology*. Reports and investigations of students upon topics connected with the application of ethical principles to life.

Topic for 1900—the Ethical Movement of to-day as represented in American and European Ethical Churches and Societies, and in the *International Journal of Ethics*.

Open to students who have completed 60 hours.

E—*Social Philosophy. Practical Problems.* 2 hours.

Hours to suit convenience of students.

Professor CALDWELL.

Similar to E in first semester, as a continuation of that course.

Open to students who have completed 30 hours.

F—*Seminary in Social Philosophy.*

Research study and investigation connected with any topic connected with the courses.

Hours and credit, as in the first semester.

RELATED COURSES IN OTHER DEPARTMENTS.

Philosophy A and B	Latin, Cicero *De Officiis.*
Political Economy, A	Greek, Plato
Law, A or C	History, F G
	Zoölogy, A

Major Work, ten hours of which Philosophy A or Political Economy A may form part.

Students intending to do Major work should take Course A in their third year or Course E (first semester) in their second. They should at least confer with the professor in their second year.

MUSIC.

FIRST SEMESTER.

A—*Harmony.* 2 hours.

Mondays, Wednesdays, 3.

Professor LUTKIN.

Intervals, Triads, Triad Harmonization with near Modulations; Dominant Sept-chord.

B—*Harmony.* 1 hour.

Mondays, 11.

Professor LUTKIN.

Application of Secondary Sept-chords and Remote Modulations, Altered and Extended Chords.

C—*Musical Form.* 1 hour.

Wednesdays, 11.

Composition of Melodies, Anglican Chants and Hymn-tunes. Song, Trio, and Rondo Forms; Variations.

D—*Counterpoint.* 2 hours.

Tuesdays, Fridays, 11.

Professor LUTKIN.

Two and Three Part Counterpoint.

E—*Double Counterpoint and Canon.* 2 hours.

Hours to be arranged.

Professor LUTKIN.

F—*Free Composition and Instrumentation.* 2 hours.

Hours to be arranged.

Professor LUTKIN.

H—*Analysis and Harmonic Sight-reading.* 1 hour.

Wednesdays, 2.

Professor LUTKIN.

Scale and Chord Instruction, Intervals. (No credit.)

I—*Analysis.* 1 hour.

Thursdays, 3.

Professor LUTKIN.

(No credit.)

SECOND SEMESTER.

A—*Harmony.* 2 hours.

Mondays, Wednesdays, 3.

Professor LUTKIN.

Harmonization with addition of Dominant and Diminished Sept-chords, including Inversions, Application of Cadence Formulas.

B—*Harmony.* 1 hour.

Mondays, 11.

Professor LUTKIN.

Passing and Alternating Notes, Appoggiaturas, Suspensions, and Organ Point.

C—*Musical Form.* 2 hours.

Tuesdays, Fridays, 11.

Professor LUTKIN.

Inventions and Suites, Sonata, Canon and Fugue.

D—*Counterpoint.* 1 hour.

Wednesdays, 11.

Professor LUTKIN.

Four and Five Part Counterpoint.

E—*Fugue and Free Composition.* 2 hours.

Hours to be arranged.

Professor LUTKIN.

F—*Free Composition and Instrumentation.* 2 hours.

Hours to be arranged.

Professor LUTKIN.

H—*Analysis and Harmonic Sight-reading.* 1 hour.

Wednesdays, 2.

Professor LUTKIN.

Hymn-tune Analysis. (No credit.)

I—*Analysis.* 1 hour.

Thursdays, 3.

Professor LUTKIN.

Modern Forms. (No credit.)

NORWEGIAN-DANISH.

FIRST SEMESTER.

A—*Modern Norwegian-Danish Grammar.* 2 hours.

Hours to be arranged.

Dr. SIMONSEN.

Petersen's Norwegian Grammar and E. C. Otte's "How to Learn Danish" are the text-books used.

SECOND SEMESTER.

A—*Readings from Andersen and Ibsen.* 2 hours.

Hours to be arranged.

Dr. SIMONSEN.

PEDAGOGICS.

FIRST SEMESTER.

A—*History of Education.* 3 hours.

Mondays, Wednesdays, Fridays, 4.

Professor FISK.

Lectures on Thursdays and Recitations on Tuesdays and Fridays. Text-book: Compayré's History of Pedagogy.

B—*Principles of Education.* 3 hours.

Mondays, Wednesdays, Fridays, 4.

Professor FISK.

Lectures on Thursdays and Recitations on Tuesdays and Fridays. Text-book: Compayré's Lectures on Pedagogy.

Course A given in 1898–99. Courses A and B are given in alternate years.

It is the aim of the lectures and recitations in Pedagogics to assist in the formation of just opinions on theories and methods of teaching and of school management.

The books selected for reading and criticism are adapted to quicken thought rather than to prescribe methods, to aid reflection rather than to "impose doctrines." The library of the college contains a considerable number of valuable treatises on pedagogical topics, and the members of the class are guided in their consultation of this reference library.

The courses in Pedagogics have interest and value for all

who expect to become teachers with voice or with pen. Whoever seeks to enlarge the knowledge or to shape the opinions of others by interpreting facts or truths known to himself, and whoever aims to incite others to action, must apply, consciously or unconsciously, the principles of Pedagogy.

SECOND SEMESTER.

A—*History of Education.* 3 hours.

Mondays, Wednesdays, Fridays, 4.

Professor FISK.

Work of first semester continued.

Text-books: Quick's Essays on Educational Reformers, Gill's Systems of Education, Boone's Education in the United States.

B—*Principles of Education.* 3 hours.

Mondays, Wednesdays, Fridays, 4,

Professor FISK.

Work of first semester continued.

Text-books; Rooper's Apperception, De Garmo's Essentials of Method, Laurie's Institutes of Education, Lange's Apperception, Herbart's Science of Education, Tompkins's Philosophy of School Management.

PHILOSOPHY.

FIRST SEMESTER.

A—*Logic.* 3 hours.

Mondays, Wednesdays, Fridays, 2.

Professor COE.

An outline of both deductive and inductive logic. Special stress is laid upon the methods of the sciences. Text-book, and frequent written exercises upon assigned problems.

Open to students who have completed thirty hours.

B—*General History of Philosophy.* 4 hours.

Tuesdays, Wednesdays, Thursdays, Fridays, 8.

Professor COE.

Text-book; required reading; one dissertation from each student.

Open to students who have completed Course A.

C—*The Philosophy of Locke, Leibnitz, Berkeley and Hume.* 2 hours.

Hours to be arranged.

Professor Coe.

Reading and analysis of selected works; required collateral reading; dissertations.

Open to students who have completed or are taking the General History of Philosophy.

To be given in 1899–1900.

D—*The Philosophy of Kant.* 2 hours.

Hours to be arranged.

Professor Coe.

Reading and analysis of selected portions of the three Critiques; a study of Kant's philosophical development; required collateral reading; dissertations.

Open to students who have completed or are taking the General History of Philosophy.

Not to be given in 1899–1900.

E—*Philosophy of Religion.* 1 hour.

Mondays, 4.

Professor Coe.

Lectures and required reading. No special preparation in philosophy is required as a condition for admission to this course, but students are advised, as far as practicable, to take at least Course A first. Credit will not be given until the work of both semesters is completed.

Open to students who have completed sixty hours.

G—*Philosophical Seminary.* Once a week for 2 hours.

Hours to be arranged.

Professor Coe.

Topic for 1899–1900 to be announced. This course is an introduction to research, and is open, ordinarily, to none but graduate students.

SECOND SEMESTER.

A—*Psychology.* 3 hours.

Mondays, Wednesdays, Fridays, 2.

Professor Coe.

Ladd's Outlines of Descriptive Psychology with class-room demonstrations; lectures on Methods of Psychology, Imagi-

nation, Suggestion, Obscure Mental Phenomena, the Subject of the Mental Life, etc.; written exercises.

Open to students who have completed thi·ty hours.

B—*Outlines of Theory of Knowledge and Metaphysics.* 4 hours.

Tuesdays, Wednesdays, Thursdays, Fridays, 8.

Professor COE.

Lectures and discussions; collateral reading; at least one dissertation from each student.

Open to students who have completed the General History of Philosophy.

C—*Problems in Psychology.* 2 hours.

Hours to be arranged.

Professor COE.

The topics for 1899–1900 will be selected from the general field of the psychology of religion.

D—*The Philosophy of Kant.* 2 hours.

Hours to be arranged.

Professor COE.

Continuation of the work of the first semester.

Not to be given in 1899–1900.

E—*Philosophy of Religion.* 1 hour.

Mondays, 4.

Professor COE.

Continuation of the work of the first semester.

G—*Philosophical Seminary.* Once a week for two hours.

Hours to be arranged.

Professor COE.

Continuation of the work of the first semester.

COLLATERAL COURSES IN OTHER DEPARTMENTS:

MORAL PHILOSOPHY A—*Ethics.*
MORAL PHILOSOPHY B—*Advanced Ethics.*
MORAL PHILOSOPHY E—*Seminary in Ethical Philosophy.*
GREEK—*Plato's Gorgias.*
GREEK—*Plato's Republic.*
LATIN—*Lucretius.*
ZOÖLOGY—*The Central Nervous System aud its Terminal Organs.*

Major work in Philosophy: Ten year-hours of which one may be in Ethics.

Students intending to do major work in Philosophy will do well to take Course A in their second year.

PHYSICS.

FIRST SEMESTER.

A—*General Physics.* 4 hours.

Lectures on Mondays, Wednesdays, Fridays, 11.
See below for Laboratory hours.

Professor CREW.

General properties of Matter, Sound, Heat. Each week's work consists of two experimental lectures, one recitation, and one laboratory exercise.

This course is intended for beginners. It requires no mathematics beyond that necessary for entrance. It is recommended as a first-year or second-year study to those contemplating the pursuit of any pure science, engineering, or medicine.

B—*Experimental Physics.* 4 hours.

Lectures, Tuesdays, Thursdays, 11.
See below for Laboratory hours.

Professor CREW and Dr. SNYDER.

Mechanics and Heat. An experimental study of Forces, Moments of Forces, Moments of Inertia, Elasticity, Heat Measurements, Thermodynamics, etc., forming an introduction to advanced Physics. Each week's work consists of two lectures and two laboratory exercises.

For students who have completed Course A, or equivalent.

C—*Experimental Physics.* 4 hours.

Lectures, Mondays, Fridays, 8.
See below for Laboratory hours.

Professor CREW and Dr. SNYDER.

Electricity and Magnetism. Two lectures and two laboratory exercises each week. In the lectures the more general laws of electricity and magnetism are discussed; the practical equations employed in the laboratory will also be derived and discussed. J. J. Thomson's "Elements of the Mathematical Theory of Electricity and Magnetism" represents the ground covered in the class-room.

Henderson's Practical Electricity and Magnetism represents the ground covered in the laboratory.

For students who have completed Course A, or equivalent.

D—*Physical Manipulation.* 1 hour.

See below for Laboratory hours.

Dr. SNYDER.

Glass work, including cutting, drilling, grinding, ruling, and blowing of glass.

Metal work, including filing, drilling, screw-cutting, tempering, soldering, etc.

This course is intended for students who expect to teach physical science or to pursue advanced physics or engineering. It may be elected by those who are taking work in physics, beyond course A. It requires three consecutive hours. A laboratory fee of two dollars will be charged to cover cost of material.

F—*Primarily for Graduates.* 6 hours.

Professor CREW.

During 1899–1900, Basset's *Physical Optics* will be the subject of study.

LABORATORY HOURS.

The Physical Laboratory will be open each afternoon in the week except on Saturday. Students may select their own afternoons for work; but having once made a selection this must be strictly adhered to throughout the entire semester.

Major work: nine year-hours.

SECOND SEMESTER.

A—*General Physics.* 4 hours.

Hours as in first semester.

Professor CREW.

Electricity, Magnetism, Light.

B—*Experimental Physics.* 4 hours.

Hours as in first semester.

Professor CREW and Dr. SNYDER.

Light. An experimental study of the general phenomena of Refraction, Diffraction and Polarization. Spectroscopy. Photographic and micrometric study of various spectra, preceded by a special study of the spectrometer. Application of the principles of Diffraction and Interference to the Grating, the Telescope, and other optical instruments.

For students who have completed Course A, or equivalent.

C—*Experimental Physics.* 4 hours.

Hours as in first semester.

Professor CREW and Dr. SNYDER.

For students who have completed Course A, or equivalent. Electricity and Magnetism.

D—*Physical Manipulation.* 1 hour.

See below for Laboratory hours.

Dr. SNYDER.

Photographic work, including preparation of developers, exposure and development of plates, lantern slides, printing, toning, silvering of mirrors, drawing of quartz fibers, insertion of cross-wires and galvanometer suspensions.

F—*Primarily for Graduates.* 6 hours.

Professor CREW.

During 1899-1900 Basset's *Physical Optics* will be read.

LABORATORY HOURS.

The physical Laboratory will be open each afternoon in the week, except on Saturday. Students may select their own afternoons for work; but having once made a selection, this must be strictly adhered to throughout the entire semester.

Major work: nine year-hours.

PHYSICAL LABORATORY.

The Department of Physics occupies thirteen rooms in Science Hall, excellently adapted to their purposes. It is fairly well equipped with modern instruments, especially in the departments of acoustics, electricity, and light.

Among rooms for special purposes may be mentioned a workshop in the basement, a room for work in spectroscopy, fitted with a curved grating, a room for dyeing and developing photographic plates, a room for photographic enlargements, an iron-free room for magnetic work, a balance-room, a photometric-room, and several small rooms for individual work.

A power house in the Court of Science Hall contains a large and modern storage battery, and supplies the laboratory with currents of various voltages.

POLITICAL ECONOMY.

FIRST SEMESTER.

A—*Political Economy.* 3 hours.

Mondays, Wednesdays, Fridays, 10.

Professor GRAY.

An elementary course in the Theory of Political Economy. Recitations and lectures with frequent written tests. Walker's Political Economy, Advanced Course, is used as a text.

Those who wish to specialize in Political Economy should begin the work earlier than their third year in college; but no student will be admitted to any of the courses in the department, except by special permission of the instructor, until he has completed the equivalent of one full year of college work.

In order to be admitted to any one of the Courses B, D or E, the student must have passed satisfactorily upon Course A, or its equivalent. *Course C requires no previous study of Political Economy.*

B—*Administration.* 2 hours.

Wednesdays, Fridays, 8.

Professor GRAY.

A course in administrative law and the comparative theory and history of administration of the leading modern nations. The course will treat of the general field of administrative study and the nature of administrative law, the comparative central administration of the leading countries, together with a study of the legal relations existing between the different organs of administration.

Goodnow's Comparative Administrative Law is used as a guide for the lectures on administration throughout the year.

Courses B and D are given in alternate years. Course B will be given in 1899–1900.

C—*Industrial History.* 3 hours.

Mondays, Wednesdays, Fridays, 11.

Professor GRAY.

Industrial History from 1750 to 1850. The effects of modern inventions and political changes on industrial methods and economic welfare. The formation of the *Zollverein*, the adoption

of free trade by England, and the discovery of gold in California and Australia.

The work in this course is conducted chiefly by lectures, with a moderate amount of written work. No text-book is used, but topical references to the literature on the subject of each lecture are given.

D—*Finance.* 2 hours.

Wednesdays, Fridays, 8.

Professor GRAY.

A course in comparative public finance. General view of public finance. The objects and methods of public expenditure. Systems of taxation in the leading modern countries compared. The origin, methods and significance of public loans. The equilibrium of the budget.

Adams's Public Finance will be used as a guide after the year 1898–99.

Course D is given in alternate years with Course B. Course B will be given in 1899–1900.

E—*Seminary.*

Professor GRAY.

The seminary is open to graduates and to a limited number of undergraduates who seem to the instructor able to make original investigations.

Subjects can be definitely announced only after consultation with those who expect to take the work, the greatest liberty being allowed each student in choosing a subject for investigation. The subjects studied in 1898–99 are: "A critical examination of the more important proposals for the reform of the currency of the United States at the present time," and "A study of the progress and present condition of civil service reform in the United States."

An investigation of some phases of the attempt to control railroads by public authority is suggested for the year 1899–1900.

No one will be allowed to register for less than three hours per week *throughout the year* in this course, and no undergraduate will be allowed to register for more than three year-hours, except by vote of the Faculty.

A room, containing a considerable library and tables with a lock-drawer for each student, is set apart for the exclusive use of the members of this seminary.

Tuesdays, 2–4 (October 1 to May 1).

Three to six hours for undergraduates.

SECOND SEMESTER.

A—*Transportation.* 3 hours.

Mondays, Wednesdays, Fridays, 10.

Professor GRAY.

An elementary course in the theory and history of transportation. Hadley's Railroad Transportation is used as a guide.

B—*Administration.* 2 hours.

Wednesdays, Fridays, 8.

Professor GRAY.

This course will deal chiefly with the problem of local administration, and more especially with the administration of cities and their relation to the central government.

C—*Industrial History since 1850.* 3 hours.

Mondays, Wednesdays, Fridays, 11.

Professor GRAY.

The economic significance of the American Civil War, the Franco-Prussian War, the rapid extension of the means of transportation, and the tendency to concentration and combination of capital and labor.

D—*Finance.* 2 hours.

Wednesdays, Fridays, 8.

A course in money and banking. Discussion of the theory, value and functions of money, and consideration of the principal modern banking systems of the world.

Dunbar's Chapters on the Theory and History of Banking and portions of White's Money and Banking will be read and compared with other writers on the same subjects.

E—*Seminary.*

Same as first semester.

Registration for any one of the Courses A, B, C, D or E must be for the whole year and not for either semester separately.

Major work: Ten year-hours, of which not more than three may be in the department of Moral and Social Philosophy.

RELIGIONS.

FIRST SEMESTER.

A—*Comparative Religions and History of Christian Missions.* 2 hours.

Wednesdays and Fridays, 11.

DOCTOR LITTLE.

For *Philosophy of Religion*, see Philosophy E.
For *Bible Study*, see courses under that heading.
For *Greek New Testament*, see under Greek.
For *Hebrew Old Testament*, see under Hebrew.
For *History of the Christian Church*, see under History.

SPANISH.

FIRST SEMESTER.

A—*Elementary Spanish.* 2 hours.

Tuesdays, Thursdays, 9.

MISS FREEMAN.

General elective, but especially adapted to advanced students in French. The aim of the course will be the acquisition of the power of intelligent reading. It is expected that advanced students will make the same progress as in the elementary year in French. The courses in Italian and Spanish are given alternately. Spanish was given in 1898–99.

Edgren's Grammar; Reader (Matzke); Partir à Tiempo (Larra).

SECOND SEMESTER.

A—*Elementary Spanish.*

Tuesdays, Thursdays, 9.

MISS FREEMAN. 2 hours.

Grammar (Edgren); Dona Perfecta (Galdos). Un Drama Nuevo (Estebanez).

SWEDISH.

FIRST SEMESTER.

A—*Modern Swedish Grammar and the Reading of Prose Selections.* 3 hours.

Hours to be chosen.

Professor ERICSON.

May's Swedish Grammar is the text-book used.

SECOND SEMESTER.

A—*Tegner's Frithjof's Saga and Selections from Kuneberg.* 3 hours.

Hours to be chosen.

Professor ERICSON.

ZOÖLOGY.

FIRST SEMESTER.

A—*General Biology.* 4 hours.

Lectures, Tuesdays, Thursdays, 9. Laboratory hours to be arranged between 9 and 12 Tuesdays, Wednesdays, Thursdays, Fridays.

Professor LOCY and Miss NEIGLICK.

A comparative study of living organisms as a whole, forming an introduction to the study of vital activities. In the laboratory the student acquires a knowledge of methods of study, and is taught to observe, to verify and record his observations. A general survey of the properties of living matter is followed by study of a few selected types of invertebrate animals, beginning with the simplest and proceeding to the more complex. Parker's "Elementary Biology" and Marshall & Hurst's "Practical Zoölogy" are used as handbooks, and these are supplemented by lectures. In the lectures the physiological side receives most attention. See also further statement under the same heading second semester.

B—*Comparative Zoölogy.* 2 hours.

Wednesdays, Fridays, 9.

Professor MARCY.

Fishes, Batrachians, and Reptiles.

C—*Cytology and Histology.* 3 hours.

Lectures or recitations Wednesdays, 2. Laboratory hours to be arranged.

Mr. HILL.

Anatomy and physiology of the cell, microscopical structure of the elementary animal tissues, and principles and practice of the general methods of microscopical technique. Wilson's "The Cell in Development and Inheritance" forms the basis of the work on the cell.

D—*Comparative Anatomy and Physiology of Vertebrates.*

4 hours.

Lectures, Wednesdays, Fridays, 9. Laboratory work to be arranged on Tuesdays, Wednesdays, Thursdays, Fridays, 9–12.

Professor Locy and Mr. Robinson.

Study of Selected Vertebrate Types. The recitations and lectures will be based on Wiedersheim's "Comparative Anatomy of Vertebrates."

E—*The Central Nervous System and its Terminal Organs.*

1 hour.

Lecture, Tuesdays, 4. One hour, or accompanied with three hours' laboratory work, two hours.

Professor Locy.

Comparative Structure of the Central Nervous System, with discussions on some of its physiological activities.

Lectures and demonstrations, adapted to those taking, or about to take, Psychology, and to others who wish to become acquainted with the structure and general physiology of the nervous system.

F—*Topics of Investigation.*

It may be elected as (*a*) Five hours or (*b*) Ten hours. Hours to be arranged with the instructor.

Professor Locy.

Open to students who have completed two years' work in Zoölogy. Problems of limited extent are assigned after consultation with the professor in charge, and worked out under his direction with such help as is required. This forms an introduction to the work of original research. The completion of the course involves the consultation of the literature bearing on the problem in hand, and the preparation of a thesis embodying the results of the investigation. A reading familiarity with French and German is essential for entering this course.

G—*Research Work.*

May be elected as (*a*) Ten hours or (*b*) Fifteen hours. Hours to be arranged with the instructor.

Professor Locy.

For graduate students who have completed the equivalent of the courses described above. Similar to Course F, but with

broader scope and more rigid requirements as to the thesis, which must embody a critical review of the princ pal literture and substantial conclusions based upon the personal work of the student. Offered to students who are candidates for a graduate degree. Means of publication will be found for all papers which are worthy of it.

H—*Zoölogical Journal Club.* 1 hour.

Alternate Thursdays, 4.

Professor LOCY.

An organization of instructors and advanced students of the department for reports and discussions of biological literature.

SECOND SEMESTER.

A—*Structure and Development of Animal Life.* 4 hours.

Lectures, Tuesdays, Thursdays, 9. Laboratory hours to be arranged between 9 and 12 Tuesdays, Wednesdays, Thursdays, Fridays.

Professor LOCY and Miss NEIGLICK.

During the second semester a large part of the time is devoted to study of the development of animals, using eggs of fishes, amphibia and the chick. This course is open to all students, and is required of those intending to take either Botany or Zoölogy as a major subject. A knowledge of elementary physics and chemistry is very desirable for all students entering this or any of the following courses.

B—*Comparative Zoölogy.* 2 hours.

Wednesdays, Fridays, 9.

Professor MARCY.

Birds and mammals.

C—*Microscopical Structure of the Animal Organs.* 3 hours.

Lectures or recitations, Wednesdays, 2. Laboratory hours to be arranged.

Mr. HILL.

Principles and practice of the important special methods of microscopical technique. Continuation of work of first semester. Piersol's "Histology" will be used as a text-book.

D—*Comparative Anatomy and Physiology of Vertebrates.* 4 hours.

Lectures, Wednesdays, Fridays, 9. Laboratory work to be arranged on Tuesdays, Wednesdays, Thursdays, Fridays, 9–12. In the second semester, when physiology is given, there will be one more recitation period and one less laboratory period.

Professor LOCY and Mr. ROBINSON.

Physiology accompanied by laboratory work.

Waller's Physiology is used as a text-book.

[NOTE.—On alternate years, the work of the second semester will be on the Development of Animals instead of Physiology, as indicated above.]

E—*The Structure and Evolution of Sense Organs.* 1 hour.

Lecture, Tuesdays, 4. One hour, or accompanied with three hours' laboratory work, two hours.

Professor LOCY.

Continuation of work of first semester.

F—*Topics of Investigation.*

It may be elected as (*a*) five hours or (*b*) ten hours. Hours to be arranged with the instructor.

Professor LOCY.

Open to students who have completed two years' work in Zoölogy. Problems of limited extent are assigned after consultation with the professor in charge, and worked out under his direction with such help as is required. This forms an introduction to the work of original research. The completion of the course involves the consultation of the literature bearing on the problem in hand, and the preparation of a thesis embodying the results of the investigation. A reading familiarity with French and German is essential for entering this course.

G—*Research Work.*

May be elected as (*a*) ten hours or (*b*) fifteen hours. Hours to be arranged.

Professor LOCY.

For graduate students who have completed the equivalent of the courses described above. Similar to Course F, but with broader scope and more rigid requirements as to the thesis which must embody a critical review of the principal literature and substantial conclusion based upon the personal work of the student.

Major work: Ten year-hours.

PROFESSIONAL STUDIES.

In some of the subjects taught in the College of Liberal Arts the instruction is so nearly identical with that given in the professional schools that students enrolled in this college, by making a proper choice of electives, may qualify themselves for advanced standing in those schools. In this way it is possible to reduce by one year the time required for earning both a collegiate and a professional degree. Students entering the Law or Medical schools with this advanced credit would find it necessary to do some extra work in the professional school during the first year. Students can attain the same end by electing, while registered in this college, a limited amount of work in the professional schools and have the same credited in the College of Liberal Arts for the Bachelor's degree.

Credit for studies pursued in the professional schools is restricted to work done in the departments of this University; and the time spent in these schools cannot be credited toward the year of residence in this department required of all candidates for a degree. In no case can more than twenty semester-hours be credited in this college for work done in the professional schools; neither can credit be thus granted for any subject for which the student has previously obtained credit in whole or in part in this college.

Under conditions elsewhere stated, students having a Bachelor's degree and who are enrolled in some one of the professional schools may become candidates for the Master's degree while pursuing professional study. (See p. 137.)

Students enrolled in the College of Liberal Arts have permission of the Faculty of Arts to pursue work in any of the professional schools of the University with the view of securing credit toward the professional degree under the following conditions:

Those who shall have to their credit not less than one hundred and four semester-hours, including all the subjects prescribed for their degree except Philosophy E, and who therefore need not more

than sixteen semester-hours (including Philosophy E) in order to complete all the requirements for graduation, may, with the approval of the Registration Committee, register their excess of time, above the one hundred and twenty hours, in work of some one of the professional schools; but the total work, collegiate and professional, shall not exceed twenty hours a week. The professional work cannot be undertaken without the consent of the faculty of the school concerned, and will be subject to any conditions that faculty may impose.

The following more detailed statement is made respecting combined courses in collegiate and professional studies:

Collegiate and Medical Studies. Students intending to enter the Medical School or the Woman's Medical School are strongly advised to pursue the following branches:

Physics, - - - - -	150 recitation periods.
General Biology, - - -	100 recitation periods.
Zoölogy, - - - - -	100 recitation periods.
Chemistry, - - - -	200 recitation periods.
Botany, - - - - -	100 recitation periods.
German, - - - - -	130 recitation periods.

The recitation periods are supposed to be one hour in length, and the periods designated include the time spent in laboratory work. At least one-half of the time in each of these courses should be devoted to laboratory work.

Students desiring to shorten by one year the time required for the degrees in Arts and in Medicine can accomplish this result by spending four years in the College of Liberal Arts and electing the courses above advised. But this will involve some extra work during the first year in the Medical School. Or such students may, if they have secured one hundred semester-hours of credit at the end of their third year in the College of Liberal Arts, enter the Medical School at the beginning of the next year, thus spending four years in the latter school.

Collegiate and Law Studies. Students desiring to shorten the course in the Law School, or the period of study required for admission to the bar, should elect the law courses offered in the College of Liberal Arts. Those taking all the law courses offered may obtain advanced standing in the Law School of this University, and are also entitled to a certificate, which in some states will be accepted as counting a year in the period of study required of all candidates for the bar.

Students contemplating the study of law are also advised to

elect during their undergraduate course the following subjects: Latin, Forensics, Elocution, Rhetoric, Logic, Ethics, Political Economy, Sociology, Constitutional History, and the History of Institutions.

Collegiate and Theological Studies. Students who contemplate the study of theology after graduation are advised during their undergraduate course to make themselves proficient in Greek, Latin and German. They are also advised to elect Philosophy, Courses A and B, as well as Moral Philosophy, Course A.

They are also advised that in the Theological Schools of this University they can shorten by one year the time required for the degree of Bachelor of Divinity by obtaining credit during their undergraduate course in the College of Liberal Arts in the following subjects: Hebrew, Courses A and B; Greek, Course J, and History, Course L.

GRADUATE WORK.

Certain advanced courses of instruction are offered in the College of Liberal Arts to graduate students. This work has not as yet been organized into a distinct graduate school. The conditions under which students may be registered for graduate work are elsewhere stated (see p. 132), as are the terms under which the advanced degrees may be conferred (see p. 136).

Students desiring to enter upon graduate work are advised to consult or correspond with the chairman of the Committee on Graduate Study, Professor Daniel Bonbright.

The progress of candidates for advanced degrees will be tested from time to time by the instructors in charge, who will report thereon to the Faculty at least once a semester.

FACULTY ADVISERS.

An undergraduate student on entering college is assigned to some member of the Faculty who is to act as his adviser. He may consult his adviser upon any subject relating to his college life, and he is required to submit his choice of studies to him, and to obtain his approval of the same before completing his registration for college work. As soon as the student makes his choice of the department in which he will do his major work the professor at the head of that department

becomes the student's adviser. The time and place at which the adviser may be consulted is announced on the official bulletin-board prior to the beginning of the academic year.

REGISTRATION.

Undergraduate Registration. Every undergraduate student is required to present himself for registration in the office of the Registrar, University Hall, and to complete his registration by the evening of the first Thursday of each semester. The following are the rules governing the registration of undergraduates.

1. Registration days are the first Monday, Tuesday, Wednesday and Thursday of the semester.

2. On the registration days of the first semester the student must register for the work of the whole year. He is expected to continue throughout the year the work then registered for, and cannot change it without special permission from the Registration Committee.

3. Before completing their registration students are required to consult as to their college work their Faculty advisers.

4. No college credit can be obtained for class work not regularly registered.

5. Every student must register for fifteen hours of work a week, unless special permission has been obtained from the Registration Committee to register for less or more. Permission to register for more is a privilege, and will not be granted unless the committee is satisfied the student can carry the whole work creditably. Two hours of laboratory work is credited as one hour.

6. All undergraduates shall state upon their registration papers the full amount of work which they propose to undertake each semester, whether in the College of Liberal Arts or elsewhere, indicating the number of hours to be devoted to each subject, and the school or department in which it is proposed to do such work.

7. All students of the College of Liberal Arts desiring to take work in any other department of the University must first obtain formal consent from the Faculty of the College of Liberal Arts and also from the Faculty of the department concerned, and must file such consent with the Registrar prior to undertaking the work. Failure to comply with this regulation will be deemed sufficient cause for the cancellation of the entire registration of the student concerned.

8. No one will be entered as candidate for a degree who has

deficiencies in entrance work amounting to more than five hours a week through one year; and no student will be credited in the published lists of the catalogue with college work until these deficiencies are made up.

9. Required subjects take precedence in registration in the order of their requirement.

10. On the registration days of each semester all students must obtain from the Registrar vouchers for presentation at the Business Office of the University.

11. A fee of two dollars is charged for registration completed later than the appointed registration days.

Graduate Registration. Every graduate student, whether resident or non-resident, proposing to pursue advanced work, whether he intends to become a candidate for a degree or not, is also required to register for the same in the office of the Registrar. The following are the rules governing such registration:

1. The registration of resident candidates for the Master's degree in Arts, Science, Philosophy, or Letters, must be effected not later than the first Monday in October next preceding the date of the final examination. In the case of non-resident candidates it must be effected one year earlier.

2. A student desiring to become a candidate for the Master's degree above mentioned, while enrolled in one of the professional schools of this University, must also register in the College of Liberal Arts, and is regarded, for this purpose, a resident candidate under Rule 1.

3. A student who does not become a candidate for the Master's degree until after graduation from one of the professional schools of this University must register for the same as early as the first Monday in October next following the completion of the professional course.

4. The registration of a candidate for the Doctor's degree must be effected not later than the first Monday in October.

5. A candidate for an advanced degree, prior to his registration, must make written application for enrollment to the Registrar, and furnish to him all data required for due record of his application, together with a statement of the courses of study he proposes to pursue.

6. The above application and statement of courses must be approved by the Committee on Graduate Studies and the heads of departments under whom the work is to be taken, and such approval

must be filed with the Registrar as a condition preliminary to registration.

7. Graduates of this, or other colleges, who are not candidates for an advanced degree, may, with the consent of the departments concerned, register as resident students in such advanced studies as they are found prepared to pursue.

ELECTIVES.

In making up his quota of time from elective work, the student may choose such courses as are open to him, subject to the regulations of each department.

At a date not later than the registration at the beginning of the third year, every candidate for the Bachelor's degree must elect at least one department in which to do *major work.* The specific courses constituting *major work* will be found mentioned under each department. They will involve from seven to fifteen year-hours given to work in the department, and distributed over at least two years of the general programme. The election of the department for *major work* will enter into the registration of the third year and the professor at the head of the department becomes the student's adviser thereafter.

Students are urgently advised to give careful thought to the planning of their elective work as early as the beginning of the second year. They will find it much to their advantage to devote the whole or a large part of their elective time in the second year to the *major subject.* The faculty consider that the privileges of extended elective work will be made more profitable to the student by adhering consistently to his plan for the year, than by changing it, in the hope of improvement, after it is begun.

ABSENCES.

When, in any semester, the number of his absences in a single subject exceeds one-eighth of the total number of required exercises in that subject, the student will be required to take, besides the regular examination, an additional examination in that subject on the last Thursday of the semester. In

the second semester this examination will be on the last Friday of the semester.

When a student's absences in any study amount to one-sixth of the total requirement in that study, the student's registration in the subject will be canceled, and the privilege of examination denied. This rule is administered by the Committee on Records and Registration, which has power to restore the canceled registration.

EXAMINATIONS AND RECORDS.

At the close of each semester, examinations are held in the studies of the semester, but any student may be excluded from examinations whose daily work has not been satisfactorily done.

A *supplementary* examination for those who have failed in the work of any preceding semester will be held in the forenoon of the first Wednesday in the first semester, and of the first Monday in the second semester. No student may take more than one supplementary examination for the same item of credit. Students reported absent from regular examinations become subject to the rule concerning supplementary examinations. Those reported absent from a required *additional* examination are held to take that examination at the next date set for it, and no credit can be given until the examination is passed.

Incomplete work not made good before the close of the next succeeding semester shall be recorded as *failed.*

Undergraduates are not allowed credit for work done *in absentia.* Only those who have duly registered and regularly pursued their studies in their classes can be admitted to examinations.

The following action has been taken:

"The Faculty of Liberal Arts hold that the handing in by a student of written work not his own is an attempt to cheat, and thereby destroys the value of an examination, is dishonorable, and tends to undermine morals. The Faculty give notice, therefore, that they will expel from college any student found guilty of such conduct, and that the fact of his expulsion and the cause therefor will be posted on the college bulletin-board."

GRADES OF SCHOLARSHIP.

At the end of each semester the standing of a student in each of his courses is reported by the instructor to the Registrar and entered of record. The student's standing is expressed according to his proficiency by one of five grades, designated a, b, c, f, r. Grade "a" denotes excellent scholarship; grade "b," good scholarship; grade "c," unsatisfactory work; grade "f," a failure, making necessary another examination; grade "r," work which must be taken over in class. Grades "a" and "b" count toward a degree, as do a limited number of "c" grades. (See p. 136.) Work of grade "c" cannot be changed by a subsequent examination, but only by registering for the work anew, and pursuing it successfully in the class.

One semester's work marked "c" may be counted toward graduation for each subsequent semester's work in the same department which is of higher grade; and further work marked "c" in excess of the one-eighth limit and not released by subsequent higher work in the same department may be released by examination under the same regulations as apply to work marked grade *F*, not, however, changing the mark "c" to any other mark.

When a mark *F* is removed by supplementary examination, the work shall be recorded as grade *c* released.

The student is required to satisfy the instructor in each of his courses that he is performing his work in a systematic and satisfactory manner. Instructors will report at once to the president the names of any students who have not satisfied them that they are doing their work properly. Any instructor, with the approval of the president, may at any time exclude from his course a student, who, in his judgment, has neglected the work of the course. Such exclusion shall be reported to the Committee on Registration and to the Committee on Delinquent Students.

The semester record of each undergraduate is sent by the Registrar to the student's father or guardian.

CLASSIFICATION.

For the purpose of listing in the catalogue, the names of undergraduates are placed alphabetically in two groups under the headings: Candidates for the Bachelor's Degree, and Students not Candidates for a Degree. Opposite the name of each student in the first list is indicated the degree for which he is a candidate and the number of term-hours of work successfully accomplished. These lists will be prepared from the Registrar's records as they stand on the evening of March 1st, but names of students who may enter after that time and before the publication of the catalogue will be included.

DEGREES.

Different lines of study lead to the degrees of Bachelor of Arts, Bachelor of Philosophy, Bachelor of Science, and Bachelor of Letters. The following regulations have been prescribed relating to the conferring of these degrees:

THE BACHELOR'S DEGREE.

1. Before being recommended for any Bachelor's degree the student must have pursued his studies in residence in the College of Liberal Arts of this University for at least one college year.

2. He must have completed all the courses prescribed for that particular degree, and such elective courses in addition as to have secured a total credit of one hundred and twenty semester-hours. The total credit obtained must include major work in at least one department.

3. In making up the total number of hours required for graduation, not more than one-eighth of the work done under this Faculty may be of the grade designated as unsatisfactory.

4. A student intending to become a candidate for a Bachelor's degree must formally announce his intention by filing his petition with the Registrar, using for the purpose a form provided by the University. This must be filed on or before the last Saturday in May of the year next preceding the year in which the candidate hopes to obtain the degree.

THE MASTER'S DEGREE.

The Masters' degrees are open to Bachelors of Arts, Philosophy, Science, or Letters of this University, or of any other

institution of accepted grade. The following regulations have been prescribed:

1. Before being recommended for any Master's degree the student must have pursued his studies in residence in the College of Liberal Arts of this University for at least one year, except as stated below. The provision "in residence" requires of all so enrolled a weekly examination or conference with each instructor under whom work is taken.

2. One who obtained the Bachelor's degree at this University may become a non-resident candidate for the corresponding Master's degree, but a non-resident candidate cannot receive the degree earlier than two years after graduation.

3. One having the Bachelor's degree from this University, or from one of accepted grade, may become a candidate for the Master's degree while pursuing studies in the Medical, Law, or Theological schools of this University, or on the completion of the professional course.

4. The candidate must obtain credit in approved courses of study amounting to thirty semester-hours, unless he is enrolled in one of the professional schools above enumerated, or has graduated therefrom, in which case his credit must amount to twelve semester-hours of advanced work in an approved field of study, in addition to the completion of the maximum prescribed professional course. This advanced work may be taken either under the Faculty of Arts or the Faculty of the professional school, but in either case must be approved by the Committee on Graduate Work of the College of Liberal Arts.

5. The candidate for the degree must present a thesis on an approved topic pertaining to the primary subject, and it must be filed with the Registrar as early as the Saturday immediately preceding the last Monday in April.

6. At least one-half of the work offered for the degree must be chosen from one or, at most, two departments of study in which the candidate has previously taken the undergraduate *major work*, or an equivalent. This advanced work will be known as the *primary subject*. The remainder of the work offered will be known as the *secondary subject*, and may be chosen from any department approved by the Faculty.

7. Candidates for the Bachelor's degree who during their undergraduate course devote their excess of time to the continuation of their major subject, or to such other advanced topics as may be approved by the Registration Committee, may have such work, if satisfactorily completed, credited toward the master's degree. But

in no case will the Master's degree be conferred in less than one year after the conferring of the Bachelor's degree.

8. A non-resident candidate will be required to make written report from time to time as to the progress of his work.

9. The final examination of candidates will take place at the University at an appointed date, which will be about May 20th.

THE DOCTOR'S DEGREE.

The degree of Doctor of Philosophy will be conferred under the following conditions:

1. The candidate must have received the Bachelor's degree from this institution, or from some other of accepted standing.

2. The degree may be conferred on successful candidates after three years of graduate study, of which at least two must be in residence. The last year or the first two years of the three required must be spent in residence at this University. The period of three years may, however, be shortened in the case of students who, as undergraduates, have pursued special studies beyond the requirement for major work in the direction of their proposed graduate work. Study for any specified time will not be regarded as sufficient ground for conferring the degree. High attainments in scholarship and evidence of original investigation will be expected. "In residence" will be interpreted as defined under the requirements for the Master's degree.

3. Two-thirds of the candidate's time must be given to advanced work in some one department which shall constitute his primary subject. The remaining time must be given to either one or two secondary subjects. The requirement, "advanced work," will imply an amount of preliminary study in the given subject equivalent to at least the undergraduate "major work" of the department concerned.

A reading knowledge of French and German, as a preliminary qualification, will be required of all candidates. In exceptional cases an equivalent in Latin, Greek, or Hebrew may be accepted instead of French.

4. Every candidate must present a thesis upon an approved topic pertaining to his primary subject. The thesis must give evidence of original investigation. A revised type-written copy must be presented to the Registrar as early as the Saturday next preceding the last Monday in April. If the thesis is approved the candidate must, within such time as shall be designated, present twenty-five printed copies of the thesis to the University Library. The final examination, which will be held about May 20th, will be both written

and oral, and will cover the entire primary subject, including the topic of the thesis.

Each branch of the secondary subject may be completed whenever the candidate shall pass a satisfactory written examination upon it.

The following joint requirements have been made by the College of Liberal Arts and Garrett Biblical Institute for the attainment of the degree of Doctor of Philosophy by students in theology:

1. The candidate for the degree of Ph. D. must have completed a Bachelor's course, the sufficiency of which has been accepted by a joint committee of the Faculty of the Institute and the Faculty of Liberal Arts.

2. He must have completed two full years of theological study, either in the Garrett Biblical Institute or in another theological school of recognized high standing.

3. He must be accepted as a candidate for the degree of Ph. D. by a vote of the Faculty of the Institute, and be registered as a candidate for such degree with the Registrar of the College of Liberal Arts; after which he must continue in residence at least two years, and complete the work of two full years. Of this work two-thirds must be taken in one department of the Institute—the department in which the candidate does his primary work. The remaining third may be taken in not more than two departments of the Institute, or of the graduate school of the College of Liberal Arts. The whole course of study selected will be subject to the approval of the Faculty of Liberal Arts, through its committee on Graduate Study. During the two years of his residence the candidate will be subject to the direction of the head of the department in which his primary work is taken.

Of the four years required as a *minimum* for the degree of Ph. D. three at least must be spent in residence at a theological school of high standing, and the last two at Garrett Biblical Institute.

4. A reading knowledge of French and German, as a preliminary qualification, will be required of all candidates. In exceptional cases a reading knowledge of Latin, Hebrew, or Greek may be accepted in lieu of French, at the option of the Faculty of Liberal Arts.

5. *Thesis.* Each candidate must present a thesis prepared by him, upon some topic related to his primary subject. The thesis must give evidence of original investigation. A year prior to the final examination, the subject of the thesis must be approved by the professor under whom the primary work is performed, and three

months before the final examination it must be submitted to him for criticism. After criticism it must be presented again in typewritten form, upon letter paper of a good quality, of the quarto size, with a margin of not less than one inch at the top, at the bottom, and on each side. If the thesis is approved the candidate must, within a time designated, present twenty-five printed copies to the University Library.

6. The final examination will be both written and oral, and will cover the entire primary subject, including the topic of the thesis. Each branch of the secondary subject may be completed whenever the candidate shall pass a satisfactory written examination upon it.

7. The College of Liberal Arts shall always be represented on the committees for examining theses and candidates.

8. Graduate students in the College of Liberal Arts will be admitted to the graduate courses in Garrett Biblical Institute free of charge for tuition or incidentals.

GOVERNMENT.

Students are temporary residents of the city, and as such are amenable to the laws of the state and the ordinances of the city. They are also subject to the rules and regulations made by the Faculty. They are held to have a knowledge of the Statutes of the University and of all Faculty requirements published in this catalogue, or otherwise brought to their attention.

Students are suspended, dismissed, or expelled, whenever in the opinion of the Faculty they are pursuing a course of conduct seriously detrimental to themselves or the University. The University will not countenance either idleness or dissipation.

Athletics.—In the interest of the scholarship of the students, for the preservation of the athletics of the University from any danger of professionalism, and to guard against excesses of any kind, it has been thought expedient to place the subject of athletics under supervision. The following action has accordingly been taken by the trustees:

A committee for the regulation of athletic sports shall hereafter be annually appointed and chosen as follows: Three members of the University Faculties and three alumni of the University, these six

to be appointed by the executive committee; and also three undergraduates to be chosen during the first week of the College of Liberal Arts year by the Athletic Association.

The committee shall have entire supervision and control of all athletic exercises within and without the precincts of the University, subject to the authority of the Faculty of the College of Liberal Arts.

In accordance with this action, a Committee for the Regulation of Athletic Sports has been created, and has adopted the following regulations (all except Rule 3 and the last clause of Rule 1 are now in effect):

1. No one shall participate in any intercollegiate game or athletic sport unless he be a *bona fide* student, doing full work in a regular or special course, as defined in the curriculum of his college; and no person who has participated in any intercollegiate game as a member of any college team shall be permitted to participate in any game as a member of another college team until he has been a matriculant in such college, under the above conditions, for a period of one year, or has obtained a college academic degree; and in the institutions represented in this conference, preparatory students shall not be eligible to membership on the college teams. The last clause of this rule shall go into effect September 1, 1898.

2. No person shall be admitted to any intercollegiate contest who receives any gift, remuneration, or pay for his services on the college team.

3. No student shall play on the teams of any college or colleges for more than four years in the aggregate. This rule shall take effect September 1, 1898.

4. No student shall participate in any intercollegiate contest who has ever used or is using his knowledge of athletics or his athletic skill for gain. No person who receives any compensation from the University for services rendered by way of regular instruction shall be allowed to play on any team.

5. No student shall play under an assumed name.

6. No student shall be permitted to participate in any intercollegiate contest who is found by the Faculty to be delinquent in his studies.

7. All intercollegiate games shall be played on grounds either owned by, or under the immediate control of, one or both of the colleges participating in the contest, and all intercollegiate games shall be played under student or college management, and not under the control of any other corporation, association, or private individual.

8. The election of managers and captains in each college shall be subject to the approval of its committee on athletics.

9. College football teams shall play only with teams representing educational institutions.

10. At least ten days before every intercollegiate contest, the respective chairmen of the athletics committee of the institutions concerned shall submit to each other a certified list of players eligible, under the rules adopted, to participate in said contest. It shall be the duty of the captains of the respective teams to exclude from the contest all players save those so certified.

11. Athletic committees shall require each candidate for a team to represent the University in intercollegiate contests to subscribe to a statement that he is eligible under the letter and spirit of the rules adopted.

12. No person having been a member of any college athletic team during any year, and having been in attendance less than *one college half-year*, shall be permitted to play in any intercollegiate contest thereafter until he shall have been in attendance six consecutive calendar months.

13. No schedule of games shall be fixed without the approval of the Committee for the Regulation of Athletic Sports. No additional dates for games shall be accepted without the approval of the chairman of said committee.

14. The selection of players for any team shall be subject to the approval of the Committee for the Regulation of Athletic Sports. And, in order to provide proper information on which to act, every student desiring to play on any team shall fill out a blank prepared by the committee. To this certificate shall be appended a certificate signed by the physical director, attesting the applicant's physical fitness for membership in the team proposed.

15. No students of the departments situated at Evanston, and no member of any University football or baseball team, shall, during term time, without the permission of the Committee for the Regulation of Athletic Sports, play on any like team not connected with the University.

The Committee for the Regulation of Athletic Sports for the current year consists of the following members: Professors Clark, Young and White; Messrs. F. B. Dyche, A. B., '80; F. D. Raymond, A. B., '72; A. N. Culver, '94; E. W. Rowlins, P. E. Thomas and S. P. Hart.

Musical Clubs.—Student musical organizations, such as glee, banjo, or mandolin clubs, are under the supervision of a Fac-

ulty Committee appointed for that purpose. The chairman of the committee is to be informed of the intended organization of any such association, with its proposed plans, purpose, and membership. No formal organization is permitted without the knowledge and sanction of the committee. It is especially necessary that the business managers of such organizations make no final arrangements for public appearances of the clubs without the consent of the committee. Under no circumstances will concert dates be permitted to interfere with examinations, or to interrupt study routine. Students with defective standing are not allowed to be connected with such organizations.

The Committee on Musical Organizations consists of Professors Lutkin, Crook, and Hatfield.

Social Functions.—In the interest of the college community the Faculty have adopted the following regulation:

No organization or group of students shall hold in any year more than one party or social entertainment at which both ladies and gentlemen are present, and then only with permission previously obtained from the Committee on Social Affairs. Such parties or entertainments shall close not later than eleven o'clock.

The Committee on Social Affairs consists of Professors Young, Fisk, Lutkin, Atwell, and Dean Norris.

RELIGIOUS CULTURE.

The charter of the University provides that "no particular religious faith shall be required of those who become students of this institution." This University was not established with the view of forcing on the attention of students the creed of any particular church, but for the promotion of learning under Christian auspices, and to aid students in the formation of a manly Christian character. This continues to be its aim and purpose.

Students are expected to attend public worship on Sunday in such church as they may prefer. A chapel service is held at noon of each day, and undergraduates who are not specially excused are required to be present at three-fifths of the chapel exercises of each semester.

The following regulations have been established by the Faculty respecting the observance of this requirement:

1. When a student's record of chapel attendance shows deficiency at the end of any semester, one semester-hour shall be added to the requirements for graduation of that student for every three credits needed to make good the deficiency. In applying this rule, a deficiency of only one or two credits shall be passed over to the next semester. In larger deficiencies, the excess above the highest multiple of three shall also be carried over.

2. When at the close of a semester the chapel record of a student shows a surplus of chapel credits, the surplus credits shall be applied to cancel any semester-hours which may have been added to the requirements because of defective chapel record of any preceding semester; and the surplus chapel credits not needed to remove such semester-hours shall be transferred to the chapel record of the following semester.

3. When a student's chapel record shows a deficiency of credits for two distinct semesters which has not been removed by surplus credits in other semesters, he shall not be permitted to register again until permission is obtained from the Faculty through the Committee on Chapel by petition.

The Committee on Chapel Attendance consists of Professors Baird, Crook, and James.

Social religious meetings, conducted by the students, are held each week. The students' Christian associations hold stated meetings for religious improvement.

A course of University sermons is given each year by representative preachers of the various evangelical churches.

The Evanston churches are thrown open to students, and they are cordially welcomed to all religious services. The pastors in their pulpit instruction largely have in mind the spiritual needs of the students. Churches of the following communions are established in the city:

Baptist, Congregational, the Christian, Free Methodist, Church of Christ (Scientist), German Lutheran, German Methodist, Methodist Episcopal, Presbyterian, Protestant Episcopal, Roman Catholic, and Unitarian.

STUDENT ORGANIZATIONS.

Through the agency of voluntary student associations an active and earnest interest is maintained in matters which relate to the religious, intellectual and social life of the student community.

Christian Associations. A Young Men's Christian Association and a Young Women's Christian Association exist as distinct organizations, and exert a strong influence upon the religious life of the students. Under the direction of these organizations, social religious meetings are held each week. These associations provide each year, at a low price for admission, an attractive series of lectures and musical entertainments.

They also conduct a bureau of employment, with a view of helping worthy students to obtain work which will aid them in defraying their college expenses.

Central Debating League. Northwestern University, the University of Michigan, Chicago University, and the University of Minnesota compose the Central Debating League. The purpose of this organization is the development of ready speakers and skillful debaters, through a public discussion of leading questions of the day.

The universities named are arranged in two groups for the semi-final debates. The final contest in each year takes place in the Auditorium at Chicago on the first Friday in April, at which time the debate is between the winners from the groups.

Through the generosity of Mr. Ferdinand W. Peck and Mr. Alexander H. Revell, of Chicago, a prize of one hundred and fifty dollars is annually awarded to the side winning in the final debate, and one of fifty dollars to the losing side.

Northern Oratorical League.—Northwestern University, the University of Michigan, the University of Wisconsin, the University of Iowa, Chicago University, and Oberlin College compose the Northern Oratorical League. The purpose of this organization is to promote an interest in public speaking, and to elevate the standard of oratory, by holding annual contests. The contests of the League are open only to undergraduates.

Through the generosity of Mr. Ferdinand W. Peck, of Chicago, a prize of $100 is annually awarded to the successful contestant, and one of $50 to the person winning second place.

Literary and Scientific Societies.—The following societies and clubs meet regularly for purposes of literary culture or for the advancement of knowledge in special fields: Hinman Literary

Society, Rogers Debating Club, Adelphic Literary Society, Science Club, Die Deutsche Gesellschaft, Der Deutsche Litteratur Verein, Botanical Club, Zoölogical Journal Club, Mineralogical Journal Club, Coffee Club, Historical Association, Good Government Club. Some of these organizations are composed of members of the Faculty and advanced students, who meet together for the presentation and discussion of the problems pertaining to their special departments.

Other Organizations.—Various other organizations are maintained by the students, including an Athletic Association, Glee, Banjo and Mandolin Clubs.

THE UNIVERSITY SETTLEMENT.

An association, composed of alumni and friends of the University, maintains at 252 West Chicago Avenue, Chicago, the Northwestern University Settlement. The object, like that of Oxford House and Toynbee Hall in London, the Andover House in Boston, and the several settlements in New York, is the sharing of the life of the poor by University men and women. College graduates and others reside in the settlement house and seek to influence the surrounding community as members of it. Opportunity is also offered to undergraduates for philanthropic work and practical acquaintance with sociological problems. The plan includes classes for instruction, clubs for social improvement, a reading-room, lectures, concerts, house-to-house visitation, and legal and medical dispensaries. The expenses are met by membership subscriptions and voluntary contributions.

FELLOWSHIPS AND SCHOLARSHIPS.

Fellowships.—The University established in the year 1897-98 three fellowships of four hundred dollars each.

These fellowships are offered in the departments of Chemistry, Physics, and Zoölogy, for the purpose of encouraging advanced study in the branches named. The period of incumbency is limited to one academic year, which must be spent at this University, and the incumbents are required to give limited assistance in the work of instruction.

The Methodist Episcopal Church Scholarship.—A scholarship yielding annually the interest on one thousand dollars has been founded by the First Methodist Episcopal Church of Evanston, for the benefit of meritorious students.

The Chicago Times-Herald Scholarship.—A scholarship, the gift of the Chicago *Times-Herald*, which affords free tuition and incidental expenses, is each semester awarded by the Faculty.

Marcy Scholarship in Biology.—A table has been secured at the Marine Biological Laboratory, Wood's Holl, Massachusetts, for the sole use of advanced students from the biological departments of the College of Liberal Arts. The occupants of this table will be entitled each season to all the privileges of the laboratory, including instruction, lectures, and the use of appliances and apparatus. The appointments to the scholarship will be made in June.

PRIZES.

The following prizes, offered to the students in the College of Liberal Arts, are open only to students who are candidates for a degree. No successful contestant can become a second time a competitor for the same prize. No person will be allowed to compete for any prize against whom, at the time for appointing contestants, unredeemed failures are recorded in more than one department of study.

The Kirk Prize in Oratory.—A prize of one hundred dollars, the gift of Mr. John B. Kirk, of Evanston, will be awarded each year to the member of the graduating class who excels in original oratory. The conditions on which the award will be made are as follows:

1. Five contestants will be appointed by the Faculty, and announcement of the appointments will be made the first Friday in May.

2. These appointments will be made on the basis of the rhetorical work done during the last three years of the undergraduate course—equal weight being given to the following records: (1) English A; (2) English B; (3) Elocution B; (4) Elocution C; (5) Orations of the fall and winter terms of the year of graduation; (6) the Oration of the spring term of the same year.

3. At this contest no prompting of the speakers will be allowed, and failure of memory will exclude a competitor from consideration in the assignment of the prize.

4. The award will be made by a committee appointed by the Faculty, but composed of persons who are not members of the Faculty. The decision will be announced at Commencement.

The Harris Prize in Political and Social Science.—A prize of one hundred dollars, the gift of Mr. Norman W. Harris, of Chicago, will be awarded to the writer of the best essay on an assigned topic in the department of Political and Social Science.

The subject assigned for the year 1898–99 is: "A Critical Examination of the More Important Proposals for the Reform of the Currency of the United States at the Present Time."

The subject assigned for the year 1899–1900 is: "The Regulation of Railroads by the State of Illinois." The conditions on which the Harris prize will be awarded are as follows:

1. No undergraduate student will be allowed to compete for this prize unless he shall have completed at the time of making the award the equivalent of Courses A and C in Political Economy.

2. Essays offered in competition for this prize must contain not less than 10,000 words, and must be either printed or typewritten. If typewritten, they must be on letter paper of a good quality, of the quarto size, with a margin of not less than one inch at the top, at the bottom, and on each side, so that they may be bound without injury to the writing. On the title page of each essay must be written an assumed name, and under cover with the essay must be sent a sealed letter containing the true name of the writer and superscribed with his assumed name.

3. The copies of all essays submitted for this prize become the property of the college, and the essay receiving the prize shall have indorsed upon it a certificate of that fact.

4. Each year the essays submitted in competition for this prize must be deposited with the Registrar of the Faculty before 12 o'clock noon on May 1st.

5. The Faculty will appoint three judges of the essays offered and the prize shall be awarded to the essay declared by two of the judges to be the best; *provided*, that the University expressly reserves the right to make no award of the prize in any year in which the best essay offered shall, in the opinion of a majority of the judges, not be of sufficient merit to deserve a prize.

The Gage Prize in Extemporaneous Speaking.—A prize of forty dollars, the gift of Hon. Lyman J. Gage, of Washington, D. C., will be given to the student who excels in Extemporaneous Speaking.

1. At the first regular Faculty meeting of the calendar year the Faculty will appoint four contestants for the Gage Debate Prize, the choice being made on the basis of the work which those eligible shall then have done in the two departments of Elocution and the English Language.

2. To be eligible for this appointment a student (1) must be a candidate for a degree; (2) must have a credit of at least thirty-three semester-hours; (3) must have completed Elocution B and English Language A, and must have completed or be taking English Language B.

3. The debate will be held on the first Friday evening after the Easter recess.

4. The order in which the contestants, on either side, are to be called, shall be determined by lot, publicly drawn at the time of the debate. Each competitor will be called twice, and will be allowed to speak ten minutes on the first call and the same length of time on the second.

The Cleveland Prize in Declamation.—Two prizes of fifty and twenty-five dollars, respectively, the gift of Mr. C. B. Cleveland, of Evanston, will be given to the students who shall excel in declamation.

1. Six candidates will be appointed by the Faculty, the selection being confined to students who have completed not less than 50 hours of college work, Elocution B included.

2. The announcement of the contestants for 1900 will be made on October 4, 1899, and the contest will occur on the evening of February 16, 1900.

3. In the competition one of the prizes at least must be given for an oratorical effort. In no case may a declamation exceed twelve hundred words.

4. At this contest no prompting of the speakers will be allowed, and a failure of memory will exclude a competitor from consideration in the assignment of the prize.

5. The award will be made by a committee appointed by the Faculty, but composed of persons who are not members of that body.

The Deru Prize.—The Deru Society offers for the current year a scholarship prize of one hundred dollars. The prize is to be awarded to the student who at the end of his second year in college shall appear to the Faculty to be of especial merit in scholarship. The award is to be made through a

committee of the Faculty. The payments will be fifty dollars at the opening of each semester of the students' third year in college.

The Northern Oratorical League Preliminary Prize Contest.—A friend of the University offers three prizes of fifty dollars, thirty dollars and twenty dollars respectively, to the contestants obtaining the first, second and third honors, in the preliminary contest to determine who shall represent the University in the Northern Oratorical League contest.

The American School of Classical Studies at Rome.—This University is a contributor to the support of the American School of Classical Studies at Rome. The school affords facilities for archæological and classical investigation and study in Rome, and graduates of the College of Liberal Arts are entitled to all its advantages without expense for tuition.

THE GROUNDS AND BUILDINGS.

The Campus has an area of about forty-five acres, and is beautifully situated on the shore of Lake Michigan. University Hall, the Fayerweather Hall of Science, the Dearborn Observatory, the Gymnasium, the Dormitory, Heck Hall, Memorial Hall, Swift Hall, and the Orrington Lunt Library are all on the Campus. The Woman's Hall and the College Cottage are distant from it about five minutes' walk.

The University has provided large athletic grounds and has been at considerable expense in preparing them for use. In addition, the alumni and students have erected a covered grand-stand, which provides seats for about seven hundred persons. In connection with it are dressing rooms for the use of athletic teams, together with the necessary baths.

A detailed statement as to the University buildings in Evanston is given below. An account of those which are in Chicago will be found in the portions of the catalogue which relate to the professional schools.

University Hall was erected in 1869. It contains the museums of anthropology, botany, geology, and zoölogy, the botanical and zoölogical laboratories, as well as a large number of lecture and

recitation rooms. Adjoining the recitation rooms are the private offices of the professors. Here also is the office of the President of the University.

The Fayerweather Hall of Science, erected in 1886, was the gift of the late Mr. D. B. Fayerweather, of New York City. It is constructed of stone and red pressed brick, with terra-cotta trimmings.

The front is 130 feet, and the depth 60 feet. At the rear are two wings, extending 54 feet, inclosing a court 54 feet square. The whole building is divided into two departments, for chemistry and physics, separated by a fireproof wall reaching from the foundation to the roof. The building is heated with steam, and is thoroughly ventilated. It has the latest improvements and facilities for instruction in chemistry and physics.

The Dearborn Observatory was erected in 1888–89 through the generosity of Mr. James B. Hobbs, of Chicago. Its length from north to south is 81 feet, and its greatest breadth is 71 feet. It is constructed of stone in the most substantial manner. The building includes a dome for the great Equatorial, a Meridian Circle room, Library, and eight additional rooms for other purposes. The whole is arranged especially for convenience in carrying on astronomical work.

The Orrington Lunt Library Building was erected in 1893–94. Its erection was made possible by a gift from the late Mr. Orrington Lunt, of Evanston, supplemented by the gifts of other generous donors. The appearance of the building, in its proportions and architectural details, is noble and pleasing. The material used is Bedford limestone. The dimensions of the building are 150 by 56 feet. The main floor contains the room for book storage, having a capacity of about one hundred thousand volumes; the reading and reference room, and the offices of administration. On the second floor there is an auditorium of handsome finish, with seating capacity for about five hundred and thirty persons. On the same floor there is a large lecture-room, and other apartments for class, seminary or office use. In the third story, which extends over the central section of the building, and in the well-lighted basement, there is a large accommodation of room, for either library or general University service. The building is heated by steam from a detached station. It is lighted throughout by gas.

Memorial Hall, a handsome structure of pressed brick, was erected for the Garrett Biblical Institute, and dedicated in May, 1887. The most attractive part of the interior, and the feature which gives the building its name, is the chapel, which has seating capacity for about five hundred. The windows at the ends of the room, and the apse, are adorned with elaborate designs in rich cathedral glass. The

designs are in harmony with the idea of the "Memorial Hall," being in memory of deceased professors of the institute, and of others who have been well known for their interest in theological education.

Fisk Hall.—This building was erected in 1898 and dedicated January 28, 1899. It is devoted to the work of the Academy, and is named for Principal Herbert F. Fisk, who has been connected with the Academy since 1873. The building is Romanesque in style, and is a three story structure of brick and terra cotta, with stone trimmings and a tile roof. It cost about $75,000, and was the gift of Mr. William Deering. The building stands at the south end of the campus and has a frontage of 180 feet on Sheridan road. The heating, lighting and ventilating appointments of the building are as perfect as science can make them. Both gas and electricity are used in lighting. The woodwork throughout is quartered oak.

The Annie May Swift Hall.—This building was erected during the years 1894–95, for the work in elocution and oratory. The style of architecture is Venetian. The lower part of the building is of rock-faced Lemont limestone, and the upper stories of buff-colored Roman brick and terra-cotta. The floor is of red tile. The building is heated by steam and lighted by both gas and electricity. It is named in memory of a deceased daughter of Mr. Gustavus F. Swift of Chicago, one of the trustees of the University, and the largest contributor for the erection of the structure. On the first floor is an auditorium, and reading and reception rooms. The second story is divided into fifteen rooms for private instruction. The floors and partitions are deadened by an improved system of construction.

Music Hall is situated immediately north of Woman's Hall, a short distance west of the Campus. It is designed as a home for the School of Music, and was completed in time for occupancy during the spring term, 1897. It is substantially built of stone and brick, surmounted with a tile roofing and finished in Georgia pine. The basement floor is intended for use as a gymnasium for all young women connected with the University. The floors being supported by trusses, a clear space of 40 by 80 feet, and 9 feet high, is available for this purpose. The first floor is divided into fourteen teaching and practice rooms, including an office. The second floor contains three additional class-rooms and a well-arranged concert-hall, seating over three hundred. The hall is provided with a large stage, dressing-rooms, a grand piano, and a two-manual pipe-organ with pedals.

Gymnasium.—This is a well-lighted, two-story brick building. The basement contains dressing-room, lockers, baths, and a place for ball-throwing. The exercising-room is 40 by 80 feet, with a height of ceiling of 20 feet, unobstructed by pillars, leaving considerable space for the practice of indoor athletics. It is well supplied with

light and heavy apparatus for general gymnastic and athletic exercise, together with such appliances as are necessary for the development of a symmetrical body. The director's office is on the main floor, and contains appliances for making physical examinations. The entire building is lighted by electricity.

The Dormitory, erected in 1890, is a substantial and attractive building, designed to accommodate a limited number of young men, at a moderate charge for rent. The rooms are, for the most part, in suites, consisting of a study and two well-lighted bedrooms with wardrobes.

Heck Hall, the dormitory of the theological students, was dedicated in July, 1867. It is built of Milwaukee brick, and is five stories in height. It is heated by steam and lighted by electricity.

Woman's Hall is constructed of brick, with stone trimmings, and is a large and elegant edifice. It accommodates 135 students, contains a chapel and other public rooms, but is chiefly devoted to private apartments for young women. Many of the rooms are in suites. They are of good size, well lighted and ventilated, and are, in an unusual degree, cheerful and attractive. The building is provided with fire escapes, and is heated by hot water.

The College Cottage.—It is a convenient and well-furnished home, constructed of pressed brick and stone, and affords accommodation for about fifty young women. It is situated directly opposite Woman's Hall.

THE LIBRARIES.

The Library of the College of Liberal Arts is accommodated in a commodious library building, which was occupied first in 1894, and is elsewhere described. During the college year the library hours are from 8 to 12 A.M. and from 1:30 to 5 P.M. On Saturday the hour of closing is 4 P.M. All officers and students of the University may draw books for home use. Persons not connected with the University, who desire to use the library for purposes of study, and who are responsibly introduced, may be allowed library privileges. It contains 40,000 bound volumes, and 22,000 unbound pamphlets.

It is classified in two sections, the General Library, and the Greenleaf Library. The General Library, numbering 25,208 volumes, is designed to supply books appropriate to the several departments of study in the University, and also to furnish students with works of general reading and reference. The reading-room is provided with a varied selection of periodicals, complete sets of many of which are placed on the shelves for reference.

The Greenleaf Library, the gift of the late Luther L. Greenleaf, Esq., contains 11,246 volumes, also a large and valuable collection of unbound discussions and monographs, chiefly publications of foreign universities and learned societies. It is unusually complete in the Greek and Latin classics, every author being represented by the best editions from the earliest to a recent date. It contains also a choice selection of standard works in German and other modern languages. In the subjects of history, philosophy, theology, and the fine arts, there are many works of unique value.

The Schneider collection, lately added to the German section of the library through the generosity of friends of the University, numbers about 2,700 volumes. It includes many original editions of standard authors. Among its rarities are original prints from the period of the Reformation, and a large collection of annuals (*Musenalmanache*) of later centuries.

The Orrington Lunt Library Fund, the gift of the gentleman whose name it bears, is set apart as an endowment for the purchase of books. The fund promises, as it becomes productive, to give the library large and permanent growth.

On payment of the regular term bills, every student is entitled to the privileges of the library.

The Library of the Garrett Biblical Institute, numbering 11,348 bound volumes, is at the service of students of the University. They have access also to the Evanston Public Library and to the great libraries of Chicago—the Chicago Public Library, the Newberry Library, the John Crerar Library, and the Library of the Chicago Historical Society.

THE ASTRONOMICAL OBSERVATORY.

The Observatory is known as the Dearborn Observatory, having acquired a reputation under that name before it was removed from Chicago to Evanston and became the Astronomical Department of the University. Its objects are to make original researches in astronomical science, to assist in the application of astronomy to geography, to communicate exact time, and to furnish instruction in astronomy to the students of the University, both those in the regular course and those who give special attention to the study.

The Observatory will be open to visitors on Thursday evening of each week. Visitors may also be admitted at other times by making special arrangements with the President of the University or the Director of the Observatory.

The principal instruments of the Observatory are :

1. The great equatorial refracting telescope, made by Alvan Clark & Sons, of Cambridge, Massachusetts, in 1861. This instrument was the largest refractor in the world until a few years ago, and now has few superiors. The telescope is fitted with driving clock, micrometer, and other appliances necessary for first-class work. The dimensions of the Equatorial are:

Diameter of declination circle, 30 inches; reading by vernier to five minutes, and by two microscopes to ten seconds of arc.

Diameter of hour circle, 22 inches; reading by vernier to single minutes, and by microscopes to single seconds of time.

Focal length of telescope, 23 feet.

Aperture of object glass, 18½ inches.

2. A Meridian Circle of the first class, constructed in 1867, by Messrs. A. Repsold & Sons, of Hamburg. This instrument has an object glass of six French inches aperture, and a divided circle of forty inches diameter, reading by four microscopes. In plan of construction it is like Bessel's celebrated Königsberg circle by the same makers, but has some recent improvements in the mode of illuminating the field of view, together with apparatus for registering declinations. Hough's printing and recording chronographs are used for recording meridian observations and other phenomena.

The Observatory has a chronometer (William Bond & Son, No. 279), three mercurial pendulum clocks, and an astronomical library containing about thirteen hundred volumes and pamphlets.

THE MUSEUMS.

The Museums of the College of Liberal Arts contain collections illustrative of anthropology, art, botany, geology, mineralogy and zoölogy.

The collections relating to anthropology, botany, geology, and zoölogy are at present contained in University Hall. The art collection is in the Orrington Lunt Library. The mineralogical collection is in the Fayerweather Hall of Science.

The following descriptions indicate the character of the collections:

MUSEUM OF ANTHROPOLOGY.

This comprises mainly collections in aboriginal archæology. Primitive ceramic art in this country is well represented by several hundred specimens from the mounds of Illinois, Wisconsin, Kentucky, and Missouri.

Primitive work in stone and copper is represented by large col-

lections from various parts of the United States and from England. The Museum contains more than 7,000 specimens neatly arranged in cases in a department by themselves.

MUSEUM OF ARTS.

A large room in the Orrington Lunt Building has been handsomely fitted up by the University Guild for an art collection which the Guild has collected for the University. The Guild is an organization of two hundred women, who contemplate the ultimate erection of a museum building for the University, and who seek to secure for it valuable works of art. The collection already secured is valued at several thousand dollars. A fine collection of pottery and porcelain has already been made, including handsome specimens of Doulton, Royal Worcester, Wedgwood, Coalport, Elton, Royal Berlin, Royal Copenhagen, Royal Vienna, Hungarian, Russian, Spanish, Royal Sévres, Limoges, Italian, Chinese, Delft, Rockwood, and Bulgarian ware. There are fifteen specimens of Doulton ware, including the famous Lambeth Faience Vase, which attracted so much attention at the Columbian Exposition. This vase is six feet three inches in height, and two feet six inches in diameter, and the duplicate of it was sold in England for $6,000. There are handsome specimens of French bronze and of Venetian, Bohemian, and Favrile glass. The collection also includes some fine plaster casts presented by the French government, as well as twenty busts of eminent scholars, and Thorwaldsen's Mercury, Venus, Hebe, and the Shepherdess.

The Art Museum is open to the public on Wednesday afternoons.

MUSEUM OF BOTANY.

The college herbarium is made up of gifts received from friends of the college and of collections made by students and instructors. It now contains about five thousand species. It includes collections made by Kennicott from the Red River of the North; by Vasey from the Rocky Mountains; by Thomas and Bentley from Southern Illinois; by Mrs. Kidder from Brazil; collections from New England and New York, the Lake Superior region, and Cook County, Illinois.

The Henry H. Babcock herbarium, donated in 1887, by Mrs. Mary Keyes Babcock, of Kenilworth, is systematically arranged, handsomely provided for in substantial cases, and contains ten thousand species from all quarters of the globe.

MUSEUM OF GEOLOGY.

This museum contains typical rocks from this country and from Europe. They exhibit the variations in structure and texture of the large groups of sedimentary, crystalline (metamorphic), and igneous

rocks. They also show the rock formations in the geological column from the more ancient to the recent rocks.

The series of fossils, both of plants and of animals, are quite extensive, containing characteristic fossils of the different geologic periods. The collections which are especially valuable are: 1, Cretaceous and Tertiary fossils, the gift of the Smithsonian Institution; 2, Fossils and rocks from Illinois Geological Survey; 3, Niagara fossils from Chicago and Racine, some of which are type specimens; 4, Illinois Carboniferous flora, largely from Grundy County; 5, Miscellaneous, containing valuable specimens from many parts of the world. In addition, the museum contains casts, models, charts, photographs, lantern slides, and maps. Taken as a whole, this museum illustrates the natural history of the crust of the earth.

The museums of geology and mineralogy contain 21,000 specimens.

MUSEUM OF MINERALOGY AND LITHOLOGY.

The Mineralogical Museum contains specimens of most of the mineral species in such numbers as to well illustrate their characteristics and occurrence.

Besides those specimens which have been accumulating to the museum for several years are to be mentioned the Ayers loan-collection; additions from the Columbian Exposition, consisting chiefly of mass specimens and illustrations of economic ores; the Tyler collection, containing many crystals, notably good calcites; and a fine collection of azurites and malachites. Owing to want of space and cases, the museum is partly in University Hall and partly in Science Hall.

In the Lithological section are several hundred rock specimens from different parts of this country and from Europe.

MUSEUM OF ZOÖLOGY.

This museum contains (1) all (with few exceptions) the mammals, birds, reptiles, and batrachians indigenous to Illinois; (2) all the mammals and birds of the New South Wales exhibit at the Columbian Exposition. The kangaroos and lemurs, the platypus and the echidna, the emu and the cassowary, the rifle-bird, the regent and the lyre-bird, and the apteryx from New Zealand, in all 450 specimens, make a very complete presentation of that strange fauna; (3) a series of birds and a series of corals from the Philippine Islands (it is thought that the species of cuckoos and parrots are complete for the locality); (4) a series of skeletons, mostly prepared by Ward, including the elephant, the whale, the American crocodile, and skeletons of birds and fishes; (5) miscellaneous (among the larger animals are the moose, the buffalo, the Virginia deer, the white bear, and the reindeer). There are birds from India, Central America,

Brazil, British Guiana, Norway, and Russia. There is a collection of fifteen thousand marine and fresh-water shells. There is a large collection of fishes donated by the Smithsonian Institution; also fishes from Lake Michigan, prepared by Dr. Phillips. There are crustaceans, echinoderms, sponges, and a multitude of low forms of marine life, many of them collected by Prof. Wm. N. Rice of Middletown, Connecticut. This museum contains 30,000 specimens.

CHICAGO ACADEMY OF SCIENCES.

The extensive collections of the Chicago Academy of Sciences are accessible to all students of the University.

THE LABORATORIES.

In the several laboratories of the College of Liberal Arts opportunities are provided for practical instruction in botany, chemistry, geology, mineralogy, physics, and zoölogy.

BOTANICAL LABORATORY.

Provision is made for conducting the work of the botanical courses in four rooms on the third floor of University Hall. Tables, compound and dissecting microscopes, glassware, reagents and lockers are provided for each student. Microtomes, incubators, and sterilizing apparatus are provided for the advanced courses. For the work in vegetable physiology material is obtained from neighboring greenhouses.

CHEMICAL LABORATORIES.

The accommodations of the Chemical Department in Science Hall include, on the main floor, a lecture-room, seating sixty; a preparation room; a laboratory for general chemistry and qualitative analysis, with forty-six tables; a laboratory for quantitative analysis, with twelve tables; a balance-room, the professor's office and private laboratory, and an assistant's room; in the basement, a general store-room, a mineralogical laboratory and collection room, and a room with four tables equipped with special conveniences for water analysis.

GEOLOGICAL LABORATORY.

The Geological Laboratory consists of two rooms. One contains working-tables for students; cases containing typical collections of minerals, rocks, and fossils, models, drawings, and photographs, and a geological library. The other room is devoted to rough work, such as removing fossils from their matrix; slicing and polishing fossils to show their internal structure; reducing specimens of rocks

to proper form for the shelves or drawers, and labeling and recording the accessions.

MINERALOGICAL LABORATORY.

In the basement of Science Hall is situated the Mineralogical Laboratory, which contains models, glass and wooden, and goniometers for the study of crystallography; a large collection of minerals, an economic collection, blow-pipe materials, rock-cutting machines, and petrographical microscopes, for students' use in mineralogy and petrology.

PHYSICAL LABORATORY.

The Department of Physics occupies thirteen rooms in Science Hall, excellently adapted to their purposes. It is fairly well equipped with modern instruments, especially in the departments of acoustics, electricity, and light.

Among rooms for special purposes may be mentioned a workshop in the basement, a room for work in spectroscopy, fitted with a curved grating, a room for dyeing and developing photographic plates, a room for photographic enlargements, an iron-free room for magnetic work, a balance-room, a photometric-room, and several small rooms for individual work.

ZOÖLOGICAL LABORATORY.

Three rooms are occupied exclusively by the Department of Zoölogy—the general laboratory, the seminary room, which is also used as a department library, and a preparator's room. In the general laboratory, lockers, tables and apparatus are provided for thirty-four students. The equipment consists of twenty-five excellent compound microscopes, several microtomes of the most recent make, dissecting microscopes and instruments, incubators, aquaria, glassware, reagents, and other apparatus necessary for elementary and advanced work in Zoölogy. The department is also supplied with a full set of Leuckart's Zoölogical charts and several sets of Ziegler's wax-models. The library facilities for work in Zoölogy have been increased by the addition of several important biological periodicals and by the purchase of a large number of books and monographs.

THE GYMNASIUM.

A gymnasium is provided for physical culture, which is under the immediate supervision of a competent director, who gives his entire time to the class and individual instruction of students of both sexes. The gymnasium is open every secular day from 10 A.M. till 6 P.M., with the exception of Satur-

days, when it closes at 3 P.M. Each student, upon entering the gymnasium, may, if he so desires, be measured and thoroughly examined physically; his health, strength, muscular development, physical defects, etc., will be carefully noted. From these data a special course of exercises, based on scientific principles, will be prescribed to meet his individual needs.

It is the purpose of the director of this department to offer to each student such advice and prescribe such exercises as will give increased health, strength, and symmetry of body.

THE FEES AND EXPENSES.

Matriculation Fee. Every student, before entering the College of Liberal Arts, is required to pay a matriculation fee of five dollars. This fee is paid but once, and entitles the student to the privileges of membership in the college.

Semester Fees. An undergraduate student is required to pay a fee of thirty-four dollars and a half at the beginning of each semester, of which amount twelve dollars is for incidentals and the balance for tuition. After the year 1888–99 the fee will be thirty-five dollars each semester. The sons and daughters of ministers, as well as students who are preparing for the Christian ministry, and are properly recommended, pay eighteen dollars a semester.

Students pursuing a single study pay a fee of eighteen dollars a semester, except those who are preparing for the ministry, or who are the children of ministers, in which case the fee is twelve dollars a semester.

A graduate student in residence is required to pay fifteen dollars a semester. If not in residence he pays a fee of ten dollars at the time of registration, and on the presentation of his thesis, preparatory to his final examination, an additional fee of twenty dollars.

Laboratory Expenses. Students who pursue laboratory courses are required to pay for the materials and apparatus actually consumed by them. To this end they are required to make a deposit at the beginning of each semester for materials and for the use and breakage of apparatus. Unexpended

balances are returned to them. These deposits are different for the different courses. In the Chemical laboratory, for Course A the deposit is $7.50 a semester, while for Courses B, C, or D, it is $9.00 a semester. In the Zoölogical laboratory, the deposit required is $5.00 a semester. In the Mineralogical laboratory, a fee of $3.00 will be charged for Course A in the second semester. In the Physical laboratory, a fee of $2.00 will be charged for Course D. These deposits are required alike of graduate and undergraduate students.

Diploma Fee. The fee for a bachelor's diploma is $8.00. For those taking an advanced degree the fee is $10.00, and the fee for the bachelor's diploma will be in the same amount after 1898–99.

Board and Lodging. Students living in Woman's Hall pay according to the desirability of the room, from $108.00 to $99.00 each semester. Students in College Cottage pay for room and board $50.00 each semester, payment to be made in quarterly installments at the beginning and at the middle of each semester. The figures given for Woman's Hall and the College Cottage include a furnished room, light, fuel, and the washing of twelve plain pieces. The occupants of the rooms furnish their own bedclothing, pillows, and towels. They pay their room and board bills one-half in advance and the other half at the middle of the semester. No deduction is made for absence in any part of the term, except in cases of protracted illness. The University does not undertake to provide dormitories for the young men, but they obtain board and lodging in private families at reasonable rates. Clubs are also formed in which the cost of board is reduced to a minimum.

The following table exhibits the scale of annual expenditure:

	Low.	Average.	Liberal.
Tuition and incidental fees	$ 69	$ 69	$ 69
Board (36 weeks)	90	135	162
Room	32	72	100
Washing	18	25	35
Text-books and stationery	10	18	35
	$219	$319	$401

Payment of Bills.—The payment of fees is made at the University Business Office, 518 Davis street, Evanston. Students who are unable to pay in advance must call on the Business Agent and state the case to him, and the President and Treasurer will, as a committee, consider and decide on the application.

No tuition or incidental fees will be refunded except in case of sickness. In this event, if the student will procure from the President an excuse from attendance, and also from a physician a certificate of inability to remain in attendance, half of the amount paid will be refunded, if application is made before the middle of the semester.

LOAN FUNDS.

The University receives annually a considerable sum of money, to be loaned without interest to necessitous and deserving students who are preparing for the ministry, or for other forms of Christian work. Loans from this fund are available to students without distinction of sex.

A Woman's Loan Fund, contributed by interested friends and guarded with prudent restrictions, frequently enables the Woman's Educational Aid Association to be of special service to students in advanced classes, who, without timely aid, would be obliged to leave college before finishing a chosen course of study. The valuable assistance already rendered by the fund should commend it to friends of the University who may be able to increase it by donation or bequest. For further information on the subject, address Mrs. Joseph Cummings, Chairman Loan Fund Committee, No. 1838 Chicago avenue, Evanston.

SELF-SUPPORT OF STUDENTS.

Numerous inquiries are addressed to the authorities of the University by persons desirous of carrying on collegiate studies, but who are without adequate funds to enable them to defray their expenses, asking whether the institution furnishes to students means of employment which will enable

them to support themselves wholly or in part while engaged in the prosecution of their studies. It is proper to say that the University does not undertake to furnish employment to any student, and it does not encourage students to matriculate who are entirely without resources. It happens each year that not a few students are able to aid themselves very materially by their labor while carrying on their studies, but the student is obliged to rely on his ability, industry, and character in all such cases. As the opportunities for employment are not offered by the University, they must be sought for by the students themselves.

For further information in regard to the College of Liberal Arts, address the President of the University, Evanston, Ill.

THE MEDICAL SCHOOL.

2421–2431 Dearborn Street, Chicago.

FACULTY.

Henry Wade Rogers, President of the University.

Frank Seward Johnson, A.M., M.D., *Dean and Professor of Pathology and Pathological Anatomy.*

Nathan Smith Davis, A.M., M.D., LL.D., *Emeritus, Dean and Professor of Principles and Practice of Medicine and of Clinical Medicine.*

Edward O. F. Roler, A.M., M.D., *Professor Emeritus of Obstetrics.*

John Hamilcar Hollister, A.M., M.D., *Professor Emeritus of Clinical Medicine.*

Ralph Nelson Isham, A.M., M.D., *Professor Emeritus of Surgery and Clinical Surgery.*

Marcus Patten Hatfield, A.M., M.D., *Professor Emeritus of Diseases of Children.*

Edmund Andrews, A.M., M.D., LL.D., *Professor of Clinical Surgery.*

John Harper Long, M.S., Sc.D., *Professor of Chemistry and Director of the Chemical Laboratories.*

Emilius Clark Dudley, A.M., M.D., *Professor of Gynecology.*

John Edwin Owens, M.D., *Professor of Surgery and Clinical Surgery.*

William Evans Casselberry, M.D., *Professor of Laryngology and Rhinology.*

Nathan Smith Davis, Jr., A.M., M.D., *Professor of Principles and Practice of Medicine and of Clinical Medicine, and Secretary of the Faculty.*

Edward Wyllys Andrews, A.M., M.D., *Professor of Clinical Surgery.*

Frank Taylor Andrews, A.M., M.D., *Professor of Clinical Gynecology.*

George Washington Webster, M.D., *Professor of Physical Diagnosis.*

Joseph Zeisler, M.D., *Professor of Skin and Venereal Diseases.*

Elbert Wing, A.M., M.D., *Professor of Nervous Diseases.*

William Edward Morgan, M.D., *Professor of Surgical Anatomy and Operative Surgery, and Lecturer on Clinical Surgery.*

HORACE MANN STARKEY, M.D., *Professor of Clinical Ophthalmology and Otology.*

HENRY GRADLE, M.D., *Professor of Ophthalmology and Otology.*

ARCHIBALD CHURCH, M.D., *Professor of Clinical Neurology and Mental Diseases and Medical Jurisprudence.*

JOHN RIDLON, A.M., M.D., *Professor of Orthopedic Surgery.*

CHRISTIAN FENGER, M.D., *Professor of Surgery and of Clinical Surgery.*

JOHN DAVIS KALES, M.D., *Professor of General Etiology and Hygiene.*

WINFIELD SCOTT HALL, A.M., M.D., PH.D., *Professor of Physiology (N. S. Davis Professorship).*

ARTHUR ROBIN EDWARDS, A.M., M.D., *Professor of Principles and Practice of Medicine and of Clinical Medicine.*

WELLER VAN HOOK, A.B., M.D., *Professor of Surgery.*

FRANK BURNETT DAINS, M.S., *Assistant Professor of Chemistry.*

JOSEPH BOLIVAR DE LEE, M.D., *Professor of Obstetrics.*

SAMUEL CRAIG PLUMMER, A.M., M.D., *Associate Professor of Operative Surgery and Instructor in Clinical Surgery.*

ALBERT EDWARD HALSTEAD, M.D., *Associate Professor of Surgery and Clinical Surgery, Acting Professor of Anatomy.*

THOMAS JAMES WATKINS, M.D., *Assistant Professor of Gynecology.*

HUGH TALBOT PATRICK, M.D., *Associate Professor of Nervous Diseases.*

ISAAC ARTHUR ABT, M.D., *Clinical Instructor in Diseases of Children.*

JOHN JEREMIAH AHERN, M.D., *Instructor in Clinical Laryngology and Rhinology.*

JOSEPH BARNES BACON, M.D., *Instructor in Clinical Gynecology.*

JOHN MARSHALL BEFFEL, B.S., *Instructor in Pathological Histology.*

ANDREW JACKSON BRISLEN, M.D., *Assistant Demonstrator of Anatomy.*

OTTO BUDDE, M.D., *Clinical Instructor in Laryngology and Rhinology.*

COLEMAN GRAVES BUFORD, M.D., *Instructor in Clinical Surgery.*

PETER THOMAS BURNS, M.D., *First Assistant Demonstrator of Anatomy.*

JOHN GAILEY CAMPBELL, A.B., M.D., *Assistant Demonstrator of Anatomy.*

EDWARD P. CARLTON, B.S., *Assistant Demonstrator of Histology.*

ROBERT WILLIAM CARROLL, M.D., C.M., *Instructor in Clinical Medicine.*

HENRY WILLIAM CHENEY, M.D., *Instructor in Anatomy.*

PAUL CHESTER, B.S., M.D., *Instructor in Clinical Medicine.*

EDGAR PUMPHREY COOK, JR., PH.B., M.D., *Instructor in Practical Medicine.*

EDSON BRADY FOWLER, A.B., M.D., *Instructor in Clinical Medicine.*

VICTOR S. FRANKENSTEIN, M.D., *Assistant Demonstrator of Anatomy.*

ROBERT T. GILMORE, M.D., *Instructor in Clinical Gynecology.*

Guy Aubre Gowen, M.D., *Instructor in Clinical Neurology.*

Frederick R. Green, A.M., G.M., *Instructor in Clinical Surgery.*

Alfred Marvin Hall, A.M., M.D., *Instructor in Clinical Ophthalmology and Otology.*

Winfield Scott Harpole, M.D., *Instructor in Clinical Medicine.*

Robert Hatfield Harvey, M.D., *Curator of the Museum.*

Winfred D. D. Herriman, M.D., C.M., *Instructor in Clinical Medicine.*

William Hessert, M. D., *Instructor in Pathology.*

William Kilbourne Jaques, Ph.M., M.D., *Instructor in Physiology.*

Frank Marion Kindig, M.D., *Clinical Instructor in Diseases of Children.*

Theodore James Knudson, M.D., *Assistant Demonstrator of Anatomy.*

Charles Daniel Lockwood, A.B., M.D., *Instructor in Clinical Surgery.*

William Alfred Mann, M.D., *Instructor in Clinical Ophthalmology and Otology.*

Frederick Menge, M.D., *Clinical Instructor in Laryngology and Rhinology.*

Thomas Charles McGonagle, M.D., *Assistant Demonstrator of Anatomy.*

John Ambrose McKinley, M.D., *Instructor in Clinical Surgery.*

Charles Henderson Miller, Ph.G., M.D., *Instructor in Chemistry.*

Joseph Leggett Miller, B.S., M.D., *Demonstrator of Bacteriology and Instructor in Clinical Medicine.*

Charles Louis Mix, A.M., M.D., *Instructor in Anatomy.*

Rupert Merrill Parker, B.S., M.D., *Instructor in Clinical Surgery.*

Paul Frederick Morf, M.D., *Assistant Demonstrator of Anatomy.*

Lucius Crocker Pardee, M.D., *Instructor in Clinical Dermatology and Syphilology.*

John Lincoln Porter, M.D., *Clinical Assistant in Orthopedic Surgery.*

Robert Bruce Preble, A.B., M.D., *Instructor in Practical Medicine.*

Isaac Donaldson Rawlings, M.S., M.D., *Instructor in Clinical Medicine.*

Charles Bert Reed, M.D., *Instructor in Operative Obstetrics.*

Harry Mortimer Richter, M.D., *Instructor in Pharmacology.*

William Henry Rumpf, M.D., *Clinical Assistant in Gynecology.*

Henry Edward Sauer, B.S., M.D., *Instructor in Clinical Gynecology.*

Louis Ernest Schmidt, B.S., M.D., *Instructor in Clinical Dermatology and Syphilology.*

Otto Leopold Schmidt, M.D., *Instructor in Practical Medicine.*

William Edward Schroeder, M.D., *Instructor in Surgery and Clinical Surgery.*

AMOS RUFUS SOLENBERGER, Ph.D., M.D., *Clinical Instructor in Laryngology and Rhinology.*
DAVID M. SPAULDING, M.D., *Assistant Demonstrator of Anatomy.*
WILLIAM G. STEARNS, M.D., *Instructor in Mental Diseases.*
FRANCIS GURNEY STUBBS, A.M., M.D., *Instructor in Clinical Medicine.*
CHARLES TODD, M.D., *Instructor in Clinical Neurology.*
JOHN LE ROY VAN VALKENBURG, M.D., *Instructor in Clinical Medicine.*
SAMUEL JOHNSON WALKER, B.A., M.D., *Instructor in Clinical Neurology.*
FRANCIS XAVIER WALLS, M.D., *Instructor in Pediatrics.*
CHARLES FREDERICK WEIR, M.S., M.D., *Instructor in Anatomy.*
ROBERT CONOVER WILSON, B.S., M.D., *Instructor in Clinical Medicine.*
WILLIAM LOUIS WILSON, M.S., M.D., *Instructor in Clinical Medicine.*

HIRAM PORTER HENDRICKS, *Clerk.*

This Medical School is entitled to the credit of having been the pioneer in the advancement of medical education in this country. It was the first school to take these three most important steps: viz., the enforcement of a standard of preliminary education; adoption of longer annual courses of medical college instruction; the graded curriculum, by which a definite number of branches are assigned to each year in such natural order that the mastery of one group makes the mastery of the next easier, and accomplishment of the whole more comprehensive and complete.

In the year 1859 the trustees of the Lind University of Chicago organized a medical school as a department of that University. Financial misfortunes befell Lind University, and it was deemed wise that the medical school should effect an entirely independent organization. Accordingly, in 1864, it was organized anew, under the name of the Chicago Medical College. It thus existed until 1869, when it was united with Northwestern University, retaining, however, its old name of Chicago Medical College until 1891, when that name was changed to Northwestern University Medical School.

In 1890 William Deering gave $20,000 towards the purchase of the land on which the schools of Medicine and Pharmacy are located. In 1894 the same generous benefactor of the University endowed the N. S. Davis Professorship of Physiology. In 1893 Dr. Ephraim Ingals gave the Medical School $10,000 to aid in the construction of the Laboratory Building.

BUILDINGS.

THE LABORATORY BUILDING is situated in Dearborn street, between Twenty-fourth and Twenty-fifth streets; has a frontage of 110 feet, and a depth of 105 feet; is five stories above the basement, and is constructed of cut stone and brick, with terra-cotta trimmings, and internal finishing of the best materials and workmanship.

On the *first* floor are the Amphitheater, Anatomical Museum, and Laboratory of Physiology and Biology. On the *second* floor are the Museums of Botany and Pharmacognosy, the Pharmaceutical and Dispensing Laboratories. On the *third* floor are large laboratories of Normal and Pathological Histology and Bacteriology, with three smaller rooms for original research. These rooms are equipped with desks, lockers for microscopes, and all necessary apparatus. A large lecture-room, room for chemical aud physical apparatus, and private laboratory of the Professor of Chemistry are on the same floor. On the *fourth* floor, one-half of the entire space is occupied by a chemical laboratory for students' practical work, and the other half by the Laboratory of Physiological Chemistry, with smaller rooms for advanced or original work. On the *fifth* floor is a large dissecting-room, a room for demonstrating surgical operations, and three smaller rooms for special dissections.

The Museum of the College is furnished with preparations and specimens illustrative of normal, pathological, and comparative anatomy, and materia medica.

DAVIS HALL stands beside the Laboratory Building. It was erected in the summer of 1893.

On its first floor are offices and faculty rooms, a large amphitheater, an apothecary's room, an examination room for the director of the dispensary, and a suite of rooms for the use of the medical, surgical, orthopedic, and skin departments of the dispensary.

On the second floor there are a smaller amphitheater, and suites of rooms especially arranged and equipped for the departments of Laryngology, Otology, Ophthalmology, Gynecology, Nervous, and Children's Diseases.

On the third floor are the library, reading-room, lecture-room, and rooms for patients who have been operated on at the college.

ALUMNI LIBRARY.

The Alumni Library of about twenty-eight hundred volumes has been acquired by purchase, by donation from the

late Dr. F. P. Peck, from the mother of the late Dr. G. W. Jones, and from students and members of the faculty. It is on the third floor of Davis Hall. The library is open from 10 to 3 daily, and is under the immediate care of Miss May T. Hillan, Librarian. The gross profits on the sale of all college text-books made at the library are devoted to its increase and care.

REQUIREMENTS FOR ADMISSION.

Applicants for admission must present diplomas or certificates from colleges, schools of science, accredited academies or high schools, or sustain an examination in the subjects that are required for admission to the College of Liberal Arts of this University. Those desiring full information in regard to these examinations are requested to correspond with the Secretary of the Medical Faculty. Examinations for admission will be held at the College of Liberal Arts in Evanston, June 12 and 13, 1899, and September 18th–19th; September 25th, at the College of Medicine. By special arrangement examinations may also be held at St. Paul, Minnesota; Denver, Colorado; Omaha, Nebraska; St. Louis, Missouri; Cincinnati, Ohio; Detroit, Michigan; Portland, Oregon; and San Francisco, California. But in all such cases application must be made to the Secretary prior to June 1st.

Students conditioned in entrance requirements must make up these conditions before the beginning of the second year. If they do not, they cannot be admitted as regular students to the second-year course.

Exceptions. Special students not candidates for the degree of doctor of medicine will be admitted without the presentation of diplomas and without the examinations mentioned above.

PREPARATORY MEDICAL COURSE.

Many colleges and universities offer either definitely arranged courses preparatory to medicine, or a wide range of elective studies in Chemistry, Physics, and the Biological Sciences.

Students that contemplate studying medicine are strongly advised to pursue in one of these institutions a course which shall include the following branches:

Physics, - -	150 hours	Chemistry, - -	200 hours
General Biology,	100 hours	Botany, - -	100 hours
Zoölogy, - -	100 hours	German, - - -	150 hours

At least one-half of the time in each of these courses, except in German, should be devoted to laboratory work.

ADMISSION TO ADVANCED STANDING.

Students that have pursued in another institution the following First Year Medical Course, or any part of it, will be admitted to advanced standing in the subject covered by their official credentials. The professors of the several departments represented will pass upon the evidence presented by the student, and have the power to require an examination if the certificates are not satisfactory:

Anatomy, 150 Recitation Periods, including 50 Periods of Laboratory work.

Physiology, 150 Recitation Periods, including 30 Periods of Laboratory work.

Chemistry, 200 Recitation Periods, including 100 Periods of Laboratory work.

Histology, 100 Recitation Periods, including 60 Periods of Laboratory work.

Embryology, 50 Recitation Periods, including 40 Periods of Laboratory work.

Materia Medica, 80 Recitation Periods, including 16 Periods in Pharmacognosy.

Students from other medical schools that apply for advanced standing must pass examinations in all of the branches which they do not take in this school, and furnish to the secretary certificates of having done satisfactory work in some other reputable college for one, two, or three years, according as they wish to enter the second, third, or fourth year class in this school.

Candidates for advanced standing must present their certificates to the respective professors at the time of the October examinations or earlier.

Students that take in the College of Liberal Arts of this University, Chemistry A and B, Zoölogy A, C, D and E,

will be given credit in the Medical School for Chemistry a, b and c; Physiology a, b, c, d; Histology and Embryology a, b, c, d, e.

Students that complete this work in the College of Liberal Arts during the first three years of their course can then enter the Medical School and obtain the degrees of A.B or B.S. and M.D. in six years, or if they enter the Medical School at the end of their senior year, they can complete both courses in seven years.

Medical students that have a Bachelors degree in Arts, Science, or Letters can obtain a Masters degree when they graduate in medicine by complying with the requirements stated on page 135, of the University Catalogue.

METHODS OF INSTRUCTION.

Instruction is given by Recitations ; Laboratory Exercises; Demonstrations; Illustrated Lectures, supplementing the standard text-books; Colloquia or Conferences, in which students and professor informally discuss announced topics; Clinics, (1) Hospital or College clinics which are attended by twenty to sixty students, (2) Dispensary clinics where six to twelve students receive individual instruction and practice in all phases of physical examination, diagnosis, and treatment.

SPECIAL ELECTIVE AND SEMINAR WORK.

A few optional courses are offered to small classes of students, to whom special laboratory and clinical instruction will be given. Each seminar meets at least once in two weeks for reading and discussion of papers prepared by the students. In some of these courses a fee will be charged each student for material used by him.

THE COURSE OF STUDY.

Each student is expected to take at least twenty recitation periods per week throughout the course. Two hours in clinics or a laboratory, or one hour of recitation, lecture, colloquium, or demonstration will be counted as one recitation period.

DEPARTMENTS.

The work in each department is arranged in chronological order, and in every case begins with the fundamental or general, and passes to the more advanced or special. The student is supposed to take the courses in the order enumerated, though some deviation from this rule may be allowed in certain cases, approved by the faculty.

Clinical instruction is given at Mercy Hospital, St. Lukes' Hospital and South Side Free Dispensary. Mercy Hospital is the oldest hospital in Chicago and contains about four hundred beds. St. Lukes' Hospital contains about two hundred beds. At the South Side Free Dispensary about twenty-five thousand patients are treated annually. It is expected that Wesley Hospital will be so enlarged that it can be used for clinical instruction another year.

I. DEPARTMENT OF CHEMISTRY.

The Chemical Laboratories are commodious, well lighted, well ventilated, and thoroughly modern in arrangement and equipment. Besides a large laboratory for General Chemistry and Toxicology, there is a laboratory of Physiological Chemistry, with accommodations for seventy-two men; there are several smaller laboratories for demonstrations and for special work.

FIRST YEAR.

(a) General and Inorganic Chemisty. Lectures and Demonstrations. 3 per week. 1⅓ Semesters.
Professor LONG, assisted by Dr. C. H. MILLER.

(b) Organic Chemistry. Lectures and Demonstrations. 3 per week. ⅔ Semester.
Professor LONG.
Roscoe's Lessons in Elementary Chemistry is used as a text, and abundant demonstrations of all important principles are made on the lecture-table.

(c) Chemistry Laboratory work. 3 Periods per week, 1st Yr.
Professors LONG and DAINS, and Dr. C. H. MILLER.
In the laboratory work of the first year the text followed is Long's Elementary Course in Experimental and Ana-

lytical Chemistry, and the student is supplied with all apparatus and materials necessary for properly performing over 200 experiments before undertaking the systematic work of Qualitative Analysis.

SECOND YEAR.

(d) Physiological Chemistry. Lectures and Demonstrations. 1 per week.
Professor LONG, assisted by Dr. C. H. MILLER.
In the first half of the second year the class meets once a week for a lecture or recitation in chemical physiology; the instruction given being largely in explanation of the principles involved in the laboratory work carried on at the same time. Attention is given also to a discussion of organic compounds of physiological importance not fully considered in the course of the first year. Through the second half of the first year the class is occupied mainly with a discussion of the principles of urine analysis. This course is parallel to the practical one in the laboratory.

(e) Physiological Chemistry, Laboratory, 2 Periods per week.
Professor LONG and Dr. C. H. MILLER.
In the second-year laboratory work the students use Long's Manual of Elementary Chemical Physiology and Urine Analysis as a text, and have supplied to them everything required in completing thoroughly all the exercises described in this book.
In order to demonstrate the construction and application of certain kinds of apparatus more perfectly than is possible in a large lecture-room, the second-year class is divided into small sections, which meet at proper times for work with the spectroscope, spectrometer, hæmometer, and polariscope. The demonstrations with the polariscope and spectrometer are carried out in the dark-room. The college is supplied with the most perfect apparatus made for use in this work.

(f) Electricity. Lectures and Demonstrations. 1 per week. ½ Semester.
Professor Long.
Special Courses and Demonstrations. During the last part of the second year eight or ten lectures, with demonstrations, are given on the subject of practical electricity. This work is intended to make the student

familiar with the construction and use of batteries, the measurement of currents and resistances, and the important physical, chemical, and physiological effects of the current.

(g) Chemical Physiology (elective). 2 Laboratory Periods per week. 1 Semester.
Professor LONG.
In addition to the above the student is offered facilities for advanced or original investigation in several lines of Chemical Physiology. Arrangements for such elective work are made by application to the executive committee and the professor in charge.

II. DEPARTMENT OF ANATOMY.

The Department of Anatomy is provided with an Osteological Museum and Laboratory, with a good collection of material and models in the General Museum, and with large, well-lighted dissecting-rooms, fitted with approved appliances. The anatomical material is preserved in a refrigerator. The following courses are given:

FIRST YEAR.

(a) Human Osteology. Recitations and Laboratory. 3 per week. ¾ Semester.
Doctor WEIR.

(b) Human Dissections. 4 Laboratory Periods per week. One Semester.
Professor HALSTEAD, Dr. BURNS and assistants.
This course comprises the dissection of an arm and leg, and the student is required to demonstrate to the instructor every point on each part.

(c) Recitations which follow the dissections and review what is done in the dissection room. 2 per week, 1¼ Semesters.
DRS. WEIR and CHENEY.

SECOND YEAR.

(III. e) Microscopical Anatomy of the Spinal Cord and Brain. 2 Laboratory Periods per week. ½ Semester.
Mr. CARLTON.

(d) Neurology: Gross and Minute Anatomy of Brain and Spinal Cord, with especial reference to functional

anatomy of tracts and spinal areas. Recitations and Dissections. 2 per week. ¾ Semester.
Dr. MIX.

(e) Human Dissections. 4 Laboratory Periods per week. One Semester.
Professor HALSTEAD, Dr. BURNS and assistants.
Second-year students dissect the head and neck, and viscera. Each student must dissect and demonstrate every point on each part.

(f) Recitations, which review each week the work done in the dissecting room. 3 per week. 1¼ Semesters.
Professor HALSTEAD and Dr. MIX.

THIRD YEAR.

(g) Human Dissections (elective).
Professor HALSTEAD and assistants.

III. DEPARTMENT OF HISTOLOGY AND EMBRYOLOGY.

The Laboratory is commodious and well lighted. Each student has the use of a microscope and of all general apparatus. Each student has ample practice in all phases of Histological and Embryological technique: Injection, Hardening, Staining, Cutting, Mounting, etc. Free-hand drawing of all typical tissues mounted is required of each student.

FIRST YEAR.

(a) Embryology. Lectures and Demonstrations. 3 per week. ¼ Semester.
Professor HALL.

(b) General and Special Histology and Embryology. Recitations. 1 per week.
Dr. MENGE.

(c) Histology, General and Special. Laboratory. 2 Periods per week of 3 hours. 1¼ Semesters.
Mr. CARLTON.

(d) Embryology. Laboratory work. 2 periods per week of 3 hours each. ¼ Semester.
Mr. CARLTON.

SECOND YEAR.

(e) Microscopical Anatomy of the Spinal Cord and Brain. 2 Laboratory Periods per week. ½ Semester.
Mr. CARLTON.

SECOND, THIRD AND FOURTH YEARS.

(f) Special Problems in Histology and Embryology (elective).
Mr. CARLTON.

IV. DEPARTMENT OF PHYSIOLOGY.

This department has recently been fully equipped. There is a general laboratory forty feet by seventy feet, two special laboratories, an instrument-room, and a library. The library covers Physiology and related subjects, and is accessible to students of the department. The total equipment of the department has cost several thousand dollars. Each student either performs for himself, or assists in performing each experiment.

FIRST YEAR.

(a) General Physiology, including Cellular Biology and the General Physiology of Muscle and Nerve-tissue. Lectures and Demonstrations. 3 per week. ½ Semester.
Professor HALL.

(b) Special Physiology. The Physiology of Nutrition. Lectures and Demonstrations. 2 per week. 1¼ Semesters.
Professor HALL.

(c) Special Physiology. Recitations. 1 per week, beginning December 1st.
Dr. JAQUES.

(d) Laboratory Work on Muscle-Nerve Physiology and Physiology of Circulatory and Respiratory Systems. 32 3-hour Periods.
Professor HALL and assistants.

SECOND YEAR.

(e) Special Physiology of Absorption, Metabolism, and Excretion. Lectures and Demonstrations. 2 per week. ½ Semester.
Professor HALL.

(f) The Physiology of the Muscular System and of Special Muscular Organs. Lectures and Demonstrations. 2 per week. ¼ Semester.
Professor HALL.

(g) The Physiology of the Special Senses. Lectures and Demonstrations. 1 per week. 1 Semester.
Professor HALL.

(h) The Physiology of Reproduction. Lectures and Recitations. 1 per week. ¼ Semester.
Professor HALL.

(j) The Physiology of the Spinal Cord and Brain. Lectures and Recitations. 1 per week. 1 Semester.
Professor HALL.

(VI c) Pharmacology (see Course VI c). Laboratory work. 2 Periods per week. ¼ Semester.
Dr. RICHTER.

(k) The Eye—Dissection, Refraction, and Normal Ophthalmoscopy. Laboratory work. 2 Periods per week. ¼ Semester.
Professor HALL and Dr. A. M. HALL.

THIRD AND FOURTH YEARS.

(l) Medical Anthropometry (elective).

(m) Special Problems in Physiology (elective).
Professor W. S. HALL.

V. DEPARTMENT OF GENERAL ETIOLOGY AND HYGIENE.

SECOND YEAR.

(a) Classification and Discussion of the Causes of Disease. Antogenesis and Infection.

(b) Bacteria and Their Relations to Disease. General Pathology of Infection. Principles upon which Immunity and Serum Therapeutics depend.

(c) Hygiene. General: Climate, Soil and Drainage, Dwellings. Personal: Dietetics and Clothing, Exercise and Bathing, Habits, Heredity, Industrial and Social Influences. Lectures 2 per week. 1 Semester.
Professor KALES.
A syllabus of the course is available, and references to the literature are given which enable the student to further pursue the subject in the reading-room and library.

VI. DEPARTMENT OF MATERIA MEDICA AND THERAPEUTICS.

The work in this department is required in the first and second years. Special courses may be elected in the third and fourth years.

FIRST YEAR.

(a) Pharmacology. Recitations and Demonstrations. 2 per week. 1 Semester.
Dr. RICHTER.

SECOND YEAR.

(b) Pharmacology. 3 hours per week. ¾ Semester.
This course is given in the Physiological Laboratory.
Dr. RICHTER.

(c) Pharmacology. Recitations. 2 per week. 1 Semester.
Dr. RICHTER.

(d) Pharmacy, Assistant in Drug Department of South Side Free Dispensary. 48 hours' work under the supervision of
Mr. HOPKINS.

THIRD AND FOURTH YEARS.

(f) Electro-Diagnosis and Electro-Therapeutics (elective). Laboratory and Clinical Work. 1 hour per week. ½ Semester.
Professor PATRICK.
The Electrical Laboratory, equipped by Mrs. P. S. Hayes, is fitted with all the appliances for Galvanism, Faradism, the Direct Static Current, Static Induced and Sinusoidal Currents, and the more serviceable adaptations for therapeutic purposes of the 110-volt current.

VII. DEPARTMENT OF PATHOLOGY AND BACTERIOLOGY.

The newly-equipped laboratories give excellent facilities for instruction in Pathological Histology and Bacteriology. Students take the laboratory work in sections and receive individual aid in the art of staining, mounting, and examining a large variety of pathological tissues and bacteria.

Special attention is given to the drawing of histological preparations. A great number of pathological tissues, gross and microscopical, are submitted to the students for their careful description and diagnosis.

Advanced students are given individual instruction in clinical pathology, ample time and opportunity being given them to prepare, section, stain, and examine the abundant pathological material obtained from the clinics. Leitz microscopes, a microtome, and a liberal supply of imported apparatus make the outfit complete.

All students are required to make culture media, to isolate several varieties of bacteria from a mixed culture; in other

words, to acquire the elements of bacteriological technique. A large collection of pathogenic and non-pathogenic varieties of bacteria are kept on hand. The laboratory is open for advanced work to a limited number of students and physicians.

SECOND YEAR.

(a) Principles of General Pathology. Recitations. 2 hours per week. 1½ Semester.
Dr. HESSERT.

(b) Pathological Histology. Laboratory Work. 3 hours daily for 5½ weeks.
Dr. BEFFEL.

(c) Surgical Pathology. Laboratory Work. 3 hours daily. 2½ weeks.
Dr. BEFFEL.

(d) Bacteriology. Laboratory Work. 6 Periods per week. ½ Semester.
Dr. MILLER.

(e) Principles of Bacteriology. Recitations. 2 hours per week. ½ Semester.
Dr. MILLER.

THIRD YEAR.

(f) Special Pathology. Lectures and Demonstrations.
Professor JOHNSON.

(g) Post-mortem Examinations. At least three complete autopsies are made before the whole class. The object of these demonstrations is to make the student familiar with the technique of the autopsy, both for medical and for medico-legal purposes. The autopsies of Mercy Hospital, St. Luke's Hospital, and Cook County Hospital are open to all students of the third and fourth years.

THIRD AND FOURTH YEARS.

(h) Pathological Histology (Clinical Problems, material from Surgical and Medical Clinics). Elective.
Dr. BEFFEL.

(h) Clinical Pathology: Surgical and Medical, Microscopic and Chemical (elective). Mercy Hospital Laboratory. 16 Laboratory Periods.
Dr. HARVEY.

The Mercy Hospital laboratory is situated in a commodious room with light on three sides and immediately adjoining the clinical amphitheater. The room is fully supplied with working tables and all needful chemicals and apparatus for the examination of urine, stomach contents, and other excretions and secretions of the human body; and with microscopes, microtomes, hæmometers, hæmocytometers, centrifuges, etc., for the examination of tissues removed at operations and autopsies, the examination of the blood and urinary sediment, etc.; also with a full equipment of sterilizers, incubators, microscopes, and other necessary apparatus for the study of bacteria. A dark-room adjoins the laboratory, for developing photographic negatives. The cameras necessary for taking pictures are also at hand.

(j) Surgical Pathology (elective). 16 Laboratory Periods. Professor FENGER and Dr. SCHROEDER.

(k) Special Advanced Work in Bacteriology (elective). Dr. J. L. MILLER.

VIII. DEPARTMENT OF PHYSICAL DIAGNOSIS.

The work of this department comprises didactic lectures, Practice in Physical Examinations of the Normal Body, Physical Diagnosis Clinics, and Special Elective Work in which students read and discuss theses on assigned cases which have been under observation for at least four weeks.

SECOND YEAR.

(a) Theory and Practice of Physical Diagnosis. Lectures. 2 per week. 1½ Semester.
Professor WEBSTER.

(b) Physical Examination of Normal Body. Laboratory Work. 1 Period per week. ½ Semester.
Professor WEBSTER.

(c) Physical Diagnosis Clinic.
Professor WEBSTER.
In course c cases chosen from the large Dispensary Clinics are brought before the class and are presented with especial reference to diagnosis. Each student is expected to keep a record of cases presented, to group

and co-ordinate all cases of the same class, and to present, at the end of the year, the notes, with a thesis on some one group of cases.

FOURTH YEAR.

(d) Differential Diagnosis (elective), Clinical, Library, and Seminar Work. 16 Periods.
Professor WEBSTER.

IX. DEPARTMENT OF OBSTETRICS.

The clinical material of Mercy Hospital and of the College is used by the students, and is abundant. The Chicago Lying-in Hospital Dispensary offers services of two to four weeks to senior students, and in vacation, to junior students. The material here is very abundant, and pathological cases are frequent. The labors are conducted in the houses of the patients under the direction of the assistant physician. Prof. De Lee has charge of the Dispensary, and will deliver special lectures there on Practical Obstetrics during the summer months. Each student has here an opportunity of attending from six to twelve deliveries.

THIRD YEAR.

(a) The Physiology of Pregnancy, Labor, and the Puerparium. 2 Recitations per week. 2 Semesters.
Professor DE LEE.

FOURTH YEAR.

(b) The Pathology of Pregnancy, Labor, and the Puerparium. 1 Lecture per week.
Professor DE LEE.

(c) Demonstrations on the manikin and cadaver. 16 Exercises.
Professor DE LEE and Dr. REED.

The principal obstetrical operations are performed by senior students in groups of five on the manikin with actual fœtuses, under the supervision of the Demonstrator.

(d) Students of both the third and fourth year classes attend labors conducted by the lecturers in the college amphitheater. Attendance on at least four labors is necessary for graduation.

X. DEPARTMENT OF DERMATOLOGY AND SYPHILOLOGY.

The clinical material is very abundant in the more common skin diseases, such as eczema, psoriasis, and various forms of acne and diseases due to animal and vegetable parasites, and in the herpetic, pemphigoid, and various other eruptions. The subject of syphilis is exhaustively treated as far as the general pathology and treatment are concerned. The syphilides and affections of the mucous membranes are covered in detail, while affections of the internal organs and the nervous system are left to other departments. The clinical material is carefully selected for the clinical lectures, and is intended to illustrate them. The feature of these demonstrations is the training of the student in the diagnosis under the supervision of the Professor.

THIRD YEAR.

(a) Dermatology, Syphilology, and Gonorrhea. Lectures and Demonstrations. 2 Periods per week. 1 Semester. Professor ZEISLER.

(b) Clinical Lectures on Skin Diseases. 1 per week. Professor ZEISLER.

(c) Dispensary Clinic. 6 Periods per week for 5 weeks. Doctors PARDEE and SCHMIDT.

XI. DEPARTMENT OF LARYNGOLOGY AND RHINOLOGY.

This department is furnished with specially constructed individual stalls and electric lights for the training of divided classes of students in the technique of examination and treatment of the nose and throat, following the method of arrangement in vogue at Vienna. A dark-room, for translumination tests, and a dressing-room are attached, and the suite connects with a clinical amphitheater.

THIRD YEAR.

(a) Laryngology and Rhinology. Lecture 1 hour per week. 1 Semester.
Professor CASSELBERRY.

(b) Clinical Lecture. 1 hour per week.
Professor CASSELBERRY.

This clinic is largely of a surgical nature, is rich in material, and exemplifies in the course of the year all the principal operations and minor operative methods of treatment for this class of diseases.

(c) Dispensary Clinics, individual instruction in technique. 6 Periods per week for 5 weeks.
Professor CASSELBERRY, assisted by Drs. MENGE, BUDDE, SOLENBERGER and AHERN.

XII. DEPARTMENT OF OPHTHALMOLOGY AND OTOLOGY.

Preparation for the special work of this department is provided by the courses which the second-year students receive in the gross and minute Anatomy and Physiology of the Eye and Ear.

(a) Ophthalmoscopy, Otoscopy, and Refractive Work (elective in either third or fourth year). 1 Laboratory Period each week. ½ Semester.
Dr. A. M. HALL.

FOURTH YEAR.

(b) Clinical Lectures and Demonstrations. (Optional.) St. Luke's Hospital. 1 Period per week.
Professor JONES and Drs. TILLEY, FISK, and GARDINER.

(c) Ophthalmology and Otology. The Pathology, Therapy, Surgery, and Hygiene of the Eye and Ear. 1 Lecture per week. 1 Semester.
Professor GRADLE.

(d) Clinical Lecture at College. 1 each week.
Professor GRADLE.

(e) Clinical Lecture at Mercy Hospital. (Optional.) 1 each week.
Professor STARKEY.

(f) Dispensary Clinics, in which small classes of students receive individual instruction in examination, diagnosis, and treatment of cases. 6 Periods per week for 5 weeks.
Drs. MANN and HALL.

XIII. DEPARTMENT OF GYNECOLOGY.

The teaching in this department is done by didactic lectures and clinics in Mercy Hospital, St. Luke's Hospital, the College, and to divided classes in the dispensary.

FOURTH YEAR.

(a) Clinical Lectures at St. Luke's Hospital (required first Semester, elective second.) 1 each week.*
Professors DUDLEY, HENROTIN, and WATKINS, and Dr. FRANKENTHAL.

(b) General Gynecology. Lectures 3 per week. 1 Semester.
Professor DUDLEY.

(c) Clinical Lecture at College (elective). 1 each week.*
Professor WATKINS.

(d) Clinics at Mercy Hospital (elective). 1 each week throughout the year.*
Professor F. T. ANDREWS.

(e) Dispensary Clinics. Daily 5 weeks.
Professor WATKINS, and Drs. RUMPF, BACON, SAUER, and GILMORE.

XIV. DEPARTMENT OF NEUROLOGY.

Teaching in this department is done by lectures, recitations, and clinics in the college and dispensary, and by occasional clinics in the hospitals.

FOURTH YEAR.

(a) Diseases of the Nervous System. 2 Lectures each week. 1 Semester.
Professor WING.

(b) Clinical Lecture. 1 hour per week.
Professor WING, assisted by Dr. CAMPBELL.
The teaching in these hours consists in drilling individual students in the presence of the class in the methods of examination, diagnosis, and treatment of nervous diseases, and in a general quiz. The subject of the quiz is announced previously, and in the course of the year the quiz covers the more important nervous diseases.

(c) Clinical Lecture. 1 hour per week.
Professor CHURCH.

(d) Clinical Lecture. 1 hour per week.
Professor PATRICK.

(e) Dispensary Clinics. 5 periods per week. 5 weeks.
Drs. MIX, WALKER, GOWEN, TODD, and CAMPBELL.

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*In the second semester at least one of these three clinics must be elected. They are all optional throughout the year.

XV. DEPARTMENT OF MENTAL DISEASES AND MEDICAL JURISPRUDENCE.

(a) The topics related to Mental Diseases are presented always in their practical and clinical aspects. By the revision of a large number of case histories, mental diseases are made as vivid as possible. At the same time their medical and medico-legal relations are emphasized. 2 Lectures per week. ½ Semester.
Professor CHURCH and Dr. STEARNS.

(b) The lectures pertaining to Medical Jurisprudence are intended to give the prospective medical practitioner a clear realization of his relations and duties toward the public and of his special privileges, as well as of the claims the public and the courts have upon him. The emergencies which are likely to fall under his observation requiring a degree of familiarity with the usages of law, and his proper attitude as a medical witness are dwelt upon at some length. 2 Lectures per week. ½ Semester.
Professor CHURCH.

XVI. DEPARTMENT OF PEDIATRICS.

It is the desire of all those connected with this department to make its instruction chiefly clinical and personal.

THIRD YEAR.

(a) Dispensary Children's Clinic. 6 Periods per week. 5 weeks.
Drs. WALLS, ABT, KINDIG, and MCGONAGLE.

(b) Clinical Lecture. 1 period per week.
Dr. WALLS.

The most interesting of the patients attending the dispensary clinics are reserved for the weekly college clinic, open to all students.

XVII. DEPARTMENT OF SURGERY.

Teaching in this department is done by lectures, recitations, laboratory work, and clinics. The laboratory for operative surgery is a large room especially adapted for this work and adjoins the dissecting-room.

SECOND YEAR.

(a) Dispensary Clinics. Individual instruction in divided classes. 3 per week. ½ Semester.
Professor PLUMMER, and Drs. SCHROEDER, MCKINLEY, RICHTER PARKER, BUFORD, MILLER, LOCKWOOD, and GREEN.

THIRD YEAR.

(b) Operative Surgery. Lectures and Demonstrations. 2 per week, for 1 Semester.
Professors MORGAN and PLUMMER.

(c) Recitations on Surgery. 3 per week.
Professor HALSTEAD and Dr. SCHROEDER.

(d) Clinical Lecture. 1 per week.
Professor HALSTEAD, assisted by Drs. PARKER and GREEN.

(e) Clinical Lecture at St. Luke's Hospital. 1 per week.
Professors OWENS, ALLPORT, BEVAN, and Dr. MCARTHUR.

(f) Clinical Lecture. Orthopedics at College. 1 per week.
Professor RIDLON.

(g) Dispensary Orthopedic Clinics before small classes. 3 per week. for 5 weeks.
Dr. PORTER.

(h) Bandaging and dressing. 1 hour for 1 Semester.
Professor PLUMMER.

FOURTH YEAR.

(i) Lectures, Genito-Urinary Surgery and Tumors. 1 hour per week.
Professor FENGER.

(j) Lectures on General Surgery. 1 hour per week.
Professor VAN HOOK.

(k) Demonstrations in Operative Surgery. 3 per week for ½ Semester.
Professor PLUMMER.

(l) Clinical Lecture at the College. 1 Period of 3 hours per week.
Professor FENGER, assisted by Professor PLUMMER and Drs. SCHROEDER, BUFORD, MCKINLEY, and MILLER.

(m) Clinical Lecture at the College. 1 Period per week.
Professor VAN HOOK, assisted by Drs. RICHTER and LOCKWOOD.

(n) Clinical Lectures at Mercy Hospital.
Once weekly by Professors FENGER and MORGAN.
Once weekly by Professor E. W. ANDREWS.
Once weekly by Professor E. Andrews.

(o) Experimental Abdominal Surgery (elective). 1 hour per week. ½ Semester.
Professor PLUMMER.

(VII g) Special Surgical Pathology (elective).
Professor FENGER and Dr. SCHROEDER.

(p) Experimental, Cranial, Cervical, and Thoracic Surgery (optional).
Professor HALSTEAD.

XVIII. DEPARTMENT OF MEDICINE.

SECOND YEAR.

(a) Dispensary Clinic to small classes of not more than twelve students. 3 per week. ½ Semester.
Drs. PREBLE, MILLER, HARRIMAN, RAWLINGS, CARROLL, STUBBS, FOWLER, WILSON, VAN VALKENBERG, KNUDSON, KINDIG, COOK, MORF, HARPOLE, and CHESTER.

(VIII c) Physical Diagnosis Clinic College. 1 per week.
Professor Webster.

THIRD YEAR.

(b) Recitations from text-book in sections of the class. 3 hours per week.
Drs. SCHMIDT, PREBLE, and COOK.

(c) Clinical Lectures at the college. 1 per week.
Dr. PREBLE.

(d) Clinical Lecture at St. Luke's Hospital. 1 per week.
Professors EDWARDS and FAVILL.

FOURTH YEAR.

(e) Lectures for 1899–1900. Diseases of the Lungs, Heart, Aorta, Blood, and Kidneys. 2 hours per week. 1 Semester.
Professor DAVIS.

(f) Lectures for 1899–1900. Infectious Diseases, Chronic General Diseases. Diseases of Stomach and Intestines. 2 hours per week. 1 Semester.
Professor EDWARDS.

(g) Clinical Lectures at Mercy Hospital.
Once weekly 1st Semester; twice weekly 2d Semester.
Professor DAVIS.
Once weekly.
Professor JOHNSON.
Once weekly, 1st Semester.
Professor WEBSTER.

(h) Clinical Lecture at college. 1 per week.
Professor EDWARDS.

(i) A weekly ward visit is made by sections of the class to the Wards of Mercy and St. Luke's hospitals.

SUMMER COURSES.

These are open to a limited number of students and practitioners from June 4 to July 28, 1900.

(a) Histology. Laboratory. Daily 8 Weeks.
CARLTON.

(b) Hæmatology. Laboratory.
Dr. JAQUES.

(c) Pathological Histology. Laboratory. Daily 8 weeks.
Dr. BEFFEL.

(d) Bacteriology. Laboratory. Daily 8 weeks.
Dr. J. L. MILLER.

(e) Dissecting. Daily 8 weeks.
Professor HALSTEAD and Dr. BURNS.

(f) Special Courses in Bacteriology, Pathology, and Clinical Chemistry. Mercy Hospital Laboratory.
Dr. HARVEY.

(g) Obstetrics. Practical. Chicago Lying-in Dispensary.
Professor DE LEE.

(h) College and Dispensary Clinics. Many of these are continued during the summer.

Students defective in two or more branches after the October examinations must take those branches over, and can elect no new studies that conflict with them. Such students will be classed as irregulars.

Credit will be given for the work of each semester.

SCHOLARSHIPS.

Four scholarships of one hundred dollars each are offered to students that register for them and fulfill the following conditions:

The scholarship for first year students will be awarded to that applicant who demonstrates that he has received the best preparation for college; the scholarships for the second, third, and senior years will be awarded to those applicants who attain the best scholarship in the first, second, and third year classes.

Several student assistantships are awarded to deserving students in the college who are prepared to assist in laboratory work. These positions pay from one hundred to one hundred and thirty-five dollars.

HONORS.

General Honors.—A General Honor Roll will be published annually, in which will appear the names of those members of each class on whom General Honors are conferred.

This roll of names will be determined by choosing, on the basis of a general average of all of the work of the year, the highest one-fourth of the class. At graduation every student who has received general honors during three years of his course will receive the degree of Doctor of Medicine, Cum Laude.

Special Honors.—Every student who has earned General Honors during the first and second years may take during the third year a special advance course to the extent of sixty-four hours' work in any of the following subjects:

Chemistry, Physiology, Histology, Histological Pathology, or Bacteriology, or any of the other electives offered in that year. If the candidate has maintained his position on the General Honor Roll in all required work, and does a high grade of work in the special course, he will be granted, at graduation, a "Special Honor" in the subject taken. Fourth-year students who have attained the rank of "General Honors" during the first three years may take a special advanced course to the extent of sixty-four hours' work in any of the electives offered in that year.

Fourth-year "Special Honors" are granted on the same terms as third-year "Special Honors." If a candidate for graduation has earned "General Honors" for his whole course, and both Junior and

Senior special honors, and if he presents an acceptable thesis on the subject of his senior special course, he will be given the degree of Doctor of Medicine, Magna Cum Laude.

Any student who earns General Honors for three years of his course, and who gains, by competitive examination, first place in any hospital corps of resident physicians, will be given the degree of Doctor of Medicine, Magna Cum Laude.

Any student who earns both Junior and Senior special honors in the special advanced courses, and who takes first place in any Competitive Hospital Examination, will be given the degree of Doctor of Medicine, Summa Cum Laude.

NOTE.—A student who presents a baccalaureate degree from a recognized institution, and who takes Senior and Junior special honors, will be given the Master's degree corresponding to his baccalaureate degree.

HOSPITAL APPOINTMENTS.

About one-third of the Senior classes obtain hospital appointments annually.

Six members of the House Staff at Mercy Hospital are appointed annually by means of a competitive examination. The service is one year. Only students of this school are eligible to the examination.

There are four similar appointments at St. Luke's Hospital, with a service of two years. Graduates of any regular medical college in the city may take this examination.

There are twelve appointments annually at Cook County Hospital. The service is eighteen months, and graduates of any regular medical college in good standing are eligible to the examination.

There are three appointments at Michael Reese Hospital. The service is one year.

There are two appointments at St. Elizabeth's Hospital.

There are three appointments at Alexian Brothers' Hospital, and one at Wesley Hospital.

REQUIREMENTS FOR GRADUATION.

To obtain the degree of Doctor of Medicine, students who begin their medical studies in this school are required to take four full courses of lectures.

Essentials for graduation are:

1. Age twenty-one years or over.
2. Four annual courses of lectures of eight months each.
3. Good moral character (which includes unexceptionable conduct while at the school).

4. Dissection of the median half of the human body.
5. Attendance upon clinics for three years.
6. Credit for eight semesters' work and satisfactory standing in all final examinations.
7. Payment in full of all fees.

ASSIGNMENT OF SEATS.

Student may register and secure seats in the amphitheaters at the opening of the next session, or by sending five dollars to H. P. Hendricks, Clerk of the School, at an early date.

EXPENSES.

Matriculation Fee.—The student is required to pay at the time of his first registration a matriculation fee of *five dollars.* This fee is paid but once, and is charged all students alike.

Annual Fee.—A fee of *one hundred and thirty-five dollars* must be paid annually by all students, except those who have graduated from the College of Liberal Arts of this University, or regularly pursued their studies therein during two college years prior to 1896. Students coming within this exception pay an incidental fee of *thirty dollars.*

This fee can be paid in installments as follows: Before October 15th, $50.00; before January 15th, $50.00; before April 15th, $35.00. A discount of $10.00 is made when the whole amount is paid before October 15th.

Practitioners making brief visits to the city are always welcome to attend lectures and clinics. Those wishing to attend single lecture or laboratory courses through the year will be charged from *fifteen to twenty-five dollars* for each course. Those who wish to take all of the work of any one year will pay the same fee that regular students do.

Elective Courses.—A fee is charged for certain elective courses to cover cost of material used.

Deposits.—Deposit fees of ten dollars are required as a precaution against breakage or injury to apparatus in the laboratories and unnecessary damage to buildings or loss of instruments in laboratories and clinics. These fees are refunded in case no injury or loss occurs. Deductions from them will be

made to cover breakage in laboratories and any unnecessary injury to the buildings or property of the college. Such deductions will be made from the deposit of individual students when it can be determined who has caused breakage or loss of apparatus or defacement of buildings. When it can not be determined who has caused such loss or injury to college property the value of the loss or injury will be deducted pro rata from the deposits of all students. This deposit must be paid before October 15th.

Board and lodging vary in price from *three and a half* to *six dollars* a week. Rooms, for those who desire to board and lodge themselves, will cost from *six to ten dollars* per month. In clubs, board can be secured for *two dollars* a week. The Clerk has a full list of good boarding-places and rooms, and will assist students in finding suitable accommodations.

How to Reach the College.—Students desiring to go directly to the college from the trains should take the State Street cable cars and get off at Twenty-fourth Street. State Street is the great retail street of the south side, and easily reached from any railway station in the city.

For further information and special circular relating to the Medical School, address Professor N. S. Davis, Jr., M.D., Secretary, 2431 Dearborn Street, Chicago, Illinois.

THE LAW SCHOOL.

ASSOCIATION BUILDING, 153 LASALLE ST., CHICAGO.

FACULTY.

HENRY WADE ROGERS, A.M., LL.D., PRESIDENT OF THE UNIVERSITY.
(A.M., University of Michigan; LL.D., Wesleyan University.)

PETER STENGER GROSSCUP, *Dean and Professor of Law.*
(A.M., Wittenberg College; LL.B., Boston University; LL.D., Knox and Wittenberg Colleges; Judge of U. S. District Court)

HARVEY BOSTWICK HURD, *Professor of Law.*
(LL.D., Northwestern University)

EDWARD AVERY HARRIMAN, *Secretary and Professor of Law.*
(A. B., Harvard University; LL.B., Boston University.)

JOHN HENRY WIGMORE, *Professor of Law.*
(A.M., Harvard University; LL.B., Harvard University)

BLEWETT LEE, *Professor of Law.*
(A.M., Harvard University; LL.B. Harvard University)

EDWIN BURRITT SMITH, *Professor of Law.*
(A.M., Oberlin University: LL.M., Yale University)

JULIAN WILLIAM MACK, *Professor of Law.*
(LL.B., Harvard University)

NATHANIEL CLINTON SEARS, *Professor of Practice.*
(A.M., Amherst College; LL.D., Northwestern University; Judge of the Appellate Court, First District of Illinois).

LESTER LE GRAND BOND, *Lecturer on Trade-Marks and Copyrights.*

The Law School was founded in 1859, there being at the time but three similar schools west of the Alleghany Mountains. For a long time it was known as the Union College of Law, but in 1891 it assumed its present name.

The Law School offers to students a thorough training

in the fundamental subjects of the law. Its students come from all parts of the country, and its course is arranged with a view to giving students that knowledge of the law which will be indispensable to them wherever they may practice. Special opportunities, however, are afforded for acquiring a knowledge of the law of Illinois, the peculiarities of which are pointed out in each course.

Law students are admitted without charge to courses in the College of Liberal Arts. The consent of both faculties must be obtained, however, and not more than one subject may be taken in the college each year.

SCHOOL ACCOMMODATIONS.

At the time this catalogue is issued the rooms of the school are in the Masonic Temple. They will be removed in April to the Young Men's Christian Association Building at LaSalle Street. The lecture hall, library and reading-room, students' room and offices are spacious and conveniently arranged. The new quarters are centrally located, being only a few blocks from the Court House.

REQUIREMENTS FOR ADMISSION.

Persons applying for admission as regular students must answer the following requirements:

1. *Age.*—They must not be less than eighteen years of Age.

2. *Preliminary Education.*—A candidate for a degree must have a preliminary general education equivalent to that of a graduate of a high school. For the proof of such education required see page 30.

3. *Time of Entrance.*—No applicant not coming from another law school will be admitted to the first-year class after the second week in January. This is because the courses of study are carefully graded and an acquaintance with earlier courses is necessary for the pursuit of the later ones. Those who do not enter by the beginning of January cannot work with profit to themselves, and are a hindrance to the progress of others. All students intending to enter the school are strongly urged to do so at the beginning of the year. The disadvantage of delay is great, especially to students who intend to practice law in Illinois.

ADVANCED STANDING.

Persons are admitted to advanced standing upon the following conditions:

I. As candidates for graduation in one year.

(a) Persons who produce certificates from other law schools or colleges, in good standing, of having satisfactorily pursued courses of legal study, entitling them to credit amounting to at least forty term-hours, or ten hours a week for two years.

(b) Persons who produce certificates from other law schools or colleges, in good standing, of having satisfactorily pursued courses of legal study, entitling them to credit amounting to at least twenty term-hours, or ten hours a week for one year, and who have also studied law under the direction of an attorney for an additional period of one year, of at least thirty-six weeks, as shown by a certificate of the attorney, stating the time spent in study, the books read, and the frequency of the examination of the student by the attorney.

II. As candidates for graduation in two years.

(a) Persons who produce certificates from other law schools or colleges, in good standing, of having satisfactorily pursued courses of legal study, entitling them to credit amounting to at least twenty term-hours, or ten hours a week for one year.

(b) Persons who have studied law under the direction of an attorney for at least thirty-six weeks, as shown by a certificate of the attorney stating the time spent in study, the books read, and the frequency of the examination of the student by the attorney.

(c) Graduates of colleges, in good standing, who produce certificates of having satisfactorily pursued courses of legal study, entitling them to credit amounting to at least ten term-hours, or ten hours a week for half a year.

III. As candidates for graduation in three years.

Persons who produce certificates of credit from other law schools or colleges, in good standing, to a less amount than is required in Rule II.

IV. Students who have graduated from the College of Liberal Arts of this University prior to entering on their work in this Law School, or who have graduated from a College of Liberal Arts of some other University whose requirements for

graduation appear to this Faculty to be equivalent to those of this University for the same degrees, may be admitted to advanced standing in this Law School, and may be given credit for certain work in law done in such College of Liberal Arts, the total credit for the same not to exceed two term-hours in any one subject, nor to exceed ten term-hours in all. The subjects for which such credit may be obtained are the following: Constitutional Law, International Law, Elementary Law, Roman Law, Administrative Law, Comparative Constitutional Law.

Where credit is thus obtained in any of the above-named subjects, the student will not be permitted to obtain additional credit in any such subjects by pursuing the same studies in the Law School, except for the excess of the number of hours in the Law School course over the number of hours for which credit in any subject is given. Students who enter this school with ten term-hours of credit thus obtained are thereby enabled to arrange their law work so as to make it possible for them to obtain the degree of Bachelor of Law in two years.

V. Students admitted to advanced standing will receive degrees and diplomas upon the same terms as those who enter at the beginning of the course. That is to say, such students must obtain credit on the books of this school for the amount of work required for the diploma or degree. Such credit will be given to students coming from other colleges or law schools for an amount of work equivalent, in the opinion of the Faculty, to that for which they have received credit in such other schools. No credit is given in any other way for work done outside this school, and the student admitted to advanced standing must therefore pass the regular examinations in those courses in which he does not come with credit from other schools or colleges.

VI. All students not admitted to advanced standing as candidates for graduation in less than three years must spend three years in this school and pay full fees for those three years.

VII. No student may take more than twenty-five term-hours of work in one year without special permission from the Secretary. This rule does not apply to regular third-year students.

SPECIAL STUDENTS.

There are two classes of special students, those who are candidates for a degree and those who are not.

Persons not desiring to be candidates for a degree may pursue one or more courses as special students, provided they are qualified to pursue such courses to advantage. They will receive a certificate of all work done, and they may at any time enter as candidates for a degree, provided they are qualified under the above requirements. Persons who are candidates for a degree, but who for some reason take other than the regular work of any given year, are registered as special students, candidates for a degree. No student may take more than twenty-five term-hours of work in one year without special permission from the Secretary.

COURSE OF INSTRUCTION.

FIRST YEAR.

FIRST TERM.

Contracts—Three hours a week. Langdell and Williston's Cases on Contracts. Woodruff's Cases on Domestic Relations. Harriman on Contracts. Professor HARRIMAN.

Torts—Two hours a week. Ames and Smith's Cases on Torts. Woodruff's Cases on Domestic Relations. Professor WIGMORE.

Real Property (*A*)—Two hours a week. Tiedeman's Text and Cases on Real Property. Professor SMITH.

Common Law Pleading—Two hours a week. Perry on Pleading. Professor HURD.

Procedure—One hour a week. Professor HURD.

SECOND TERM.

Contracts (continued)—Three hours a week. Professor HARRIMAN.

Torts (continued)—Three hours a week. Professor WIGMORE.

Real Property (*A*) (continued)—One hour a week. Professor SMITH.

Bailments and Carriers—Two hours a week. McClain's Cases on Carriers. Professor WIGMORE.

Domestic Relations—One hour a week. Woodruff's Cases on Domestic Relations. Professor WIGMORE.

Personal Property—One hour a week. Smith on Personal Property. Professor HURD.

SECOND YEAR.

FIRST TERM.

Evidence—Two hours a week. Thayer's Cases on Evidence. Professor WIGMORE.

Sales—Three hours a week. Williston's Cases on Sales. Professor MACK.

Agency—Two hours a week. Wambaugh's Cases on Agency. Huffcut on Agency. Professor HARRIMAN.

Real Property (*B*)—Two hours a week. Professor SMITH.

Commercial Paper—Two hours a week. Huffcut on Negotiable Instruments. Professor MACK.

Quasi-Contracts—Two hours a week. Selections from Keener's Cases on Quasi-Contracts. Professor WIGMORE.

SECOND TERM.

Evidence (continued)—Two hour a week. Professor WIGMORE.

Real Property (*B*) (continued)—One hour a week. Professor SMITH.

Commercial Paper (continued)—One hour a week. Professor MACK.

Equity—Three hours a week. Keener's Cases on Equity. Professor LEE.

Trusts—Three hours a week. Ames' Cases on Trusts. Professor MACK.

Criminal Law—One hour a week. May on Criminal Law. Professor HURD.

Wills and Administration—One hour a week. Bigelow on Wills. Professor SMITH.

THIRD YEAR.

FIRST TERM.

International Law, Public and Private—Two hours a week. Snow's Cases on International Law. Judge GROSSCUP.

Partnership—Two hours a week. Ames' Cases on Partnership. Pollock's Digest of Partnership (1895). Professor HARRIMAN.

Constitutional Law—Three hours a week. Thayer's Cases on Constitution Law. Professor LEE.

Corporations, Public and Private—One hour a week. Jeremiah Smith's Cases on Corporations. Professor HARRIMAN.

Practice—(At common law and in equity). Two hours a week. Judge SEARS.

SECOND TERM.

Suretyship—One hour a week. Ames' Cases on Suretyship. Professor LEE.

Corporations (continued)—Three hours a week. Professor HARRIMAN.

Practice (continued)—Two hours a week. Judge SEARS.

Equity Pleading—One hour a week. Professor HURD.

Conveyancing—One hour a week. Professor SMITH.

Federal Jurisprudence—Two hours a week. Judge GROSSCUP.

Moot Court—Once a week. Members of the Faculty preside in turn.

The student may take the work in moot court either in his second or in his third year, or in both years, and will receive credit for one term-hour for work satisfactorily done therein. All students wishing to take this work must leave their names with the Secretary on or before October 1st, in order that cases may be assigned and set for hearing.

COURSES NOT COUNTED TOWARD A DEGREE.

Legal Ethics—Five lectures. Judge GROSSCUP.

Trade-Marks and Copyrights—Six lectures. Mr. BOND.

SCHEDULE FOR FIRST HALF-YEAR.

		MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
SECOND YEAR.	8:45	Real Property (B).	Commercial Paper.	Sales.	Commercial Paper.	Sales.	Real Property (B).
	9:45	Evidence.	Sales.	Agency.	Quasi-Contracts.	Evidence.	Agency.
	10:45		Quasi-Contracts.				
	11:45						
FIRST YEAR.	1:30	Torts.	Real Property (A).	Procedure.	Real Property (A).	Torts.	
	2:30	Contracts.	Pleading.	Contracts.	Contracts.	Pleading.	
THIRD YEAR.	3:45	Partnership.	International Law.	Partnership.	Corporations.	International Law.	
	4:45	Constitutional Law.	Practice.	Constitutional Law.	Practice.	Constitutional Law.	

SCHEDULE FOR SECOND HALF-YEAR.

		MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
SECOND YEAR.	8:45	Property (B).	Equity.	Commercial Paper.	Equity.	Trusts.	Equity.
	9:45	Evidence.	Trusts.	Trusts.	Evidence.	Criminal Law.	Wills.
FIRST YEAR.	10:45						Real Property (A).
	11:45						
	1:30	Torts.	Torts.	Personal Property.	Torts.	Carriers.	
	2:30	Contracts.	Carriers.	Contracts.	Contracts.	Domestic Relations.	
THIRD YEAR.	3:45	Corporations.	Federal Jurisprudence.	Corporations.	Corporations.	Federal Jurisprudence.	
	4:45	Conveyancing.	Practice.	Equity Pleading.	Practice.	Suretyship.	

SYSTEM OF STUDY AND INSTRUCTION.

The modes of instruction are varied, and depend more or less upon the individuality of the instructor and the character of the particular course. The study of cases, while not employed by all instructors as the basis of work, is particularly emphasized, especially in the fundamental subjects of the law. The object of the instruction given is not merely to secure familiarity with the rules of law as actually enforced, but also to develop a legal mind, to train the student in the art of legal reasoning, and to cultivate the faculty of sound legal common sense; in short, to prepare for the practical work of giving intelligent legal advice upon actual situations laid before an attorney by a client.

It is desirable that the student should, if possible, devote his time exclusively to his work in the law school. The constantly increasing complexity of the law demands a thorough acquaintance with legal theory, which can be obtained only in a law school, and the work required of a student in this school is amply sufficient to occupy all his time. The numerous courts sitting in Chicago, and the vast amount of litigation carried on here, afford ample opportunity to obtain familiarity with all the kinds of practice. Students desiring to obtain positions in lawyers' offices in Chicago will find a recommendation from this school of great assistance. Such recommendations are given only to graduates.

MOOT COURTS AND THESES.

1. *Moot Courts.* For the purpose of training in the independent investigation of legal questions and in the preparation of briefs, moot courts are held weekly during the greater part of the year, in which the instructors preside as judges, and the members of the class prepare briefs and make oral arguments upon difficult cases given out beforehand. Each member of the second and third-year classes has an opportunity during the year to take part as counsel in these exercises.

2. *Theses.* It is the desire of the Faculty to encourage original research by students. Any member of the third-year class may therefore obtain credit to an amount not exceeding two term-hours by presenting a satisfactory thesis upon some legal topic approved by a member of the Faculty before October 1st. The thesis must be presented on or before May 1st of the year in which the student expects to graduate. It must be printed on typewriter or otherwise, and is to be kept permanently in the school.

PRIZES.

1. *The Callaghan Prize*—A prize of fifty dollars in books, to be selected from their own publications, the gift of Messrs. Callaghan and Company, of Chicago, will be awarded annually to the member of the graduating class having the best record for the entire course.

In 1898 the Callaghan Prize was awarded to John Henry Sheldon Lee, A.B., of Waukegan.

2. *The Towle Prize*—A prize of fifty dollars, the gift of Mr. Henry Sargent Towle, of Chicago, was awarded in 1898 to the student having the best record for the first two years in the Law School. This prize was open only to students who had taken the regular work of the first and second years, and who were not candidates for graduation in 1898. It was won by Royal Joseph Whitlock, Ph.B., of Evanston, and Charles Byrd Elder, of Chicago, jointly, and was divided between them.

3. *The Encyclopædia Prize*—A prize of a set of the Encyclopædia of Pleading and Practice, or a set of the first edition of the Encyclopædia of Law, or a set of the second edition of the Encyclopædia of Law, as the student may elect, the gift of The Edward Thompson Company, of Northport, Long Island, is offered to the student who shall write the best thesis on some subject assigned by the Faculty.

Theses offered in competition for this prize cannot be offered in competition for the prize offered by the Lawyers' Co-operative Publishing Company, but any student may compete for both prizes by writing two theses.

Theses offered in competition for the Encyclopædia Prize must be presented at the office of the Law School on or before May 1st.

In 1898 the Encyclopædia Prize was awarded to John Francis Cordeal, of McCook, Nebraska.

4. *The Lawyers' Co-operative Publishing Company's Prize*—In 1898 the Lawyers' Co-operative Publishing Company, of Rochester, N. Y., offered as a prize for the best thesis upon the subject, "The Commerce Clause of the Federal Constitution as Affected by the Police Power of the States," a set, to July 1, 1898, of the Lawyers' Reports Annotated and Digest (value, $200). The prize was awarded to Francis Joseph Rose Mitchell, A. B., of Evanston.

LIBRARY FACILITIES.

By an arrangement, which the School has made with the Law Institute of Chicago, students are allowed free access to its ample library, which is located in the Court House, only two blocks distant from the School. This library contains over 30,000 volumes, including the reports and statutes of the United States and all the states of the Union, as well as the English, Scotch, and Irish reports and statutes, and a large collection of treatises and digests. For the use of this library, practicing lawyers, members of the Institute, pay $100 per share, besides an annual assessment of from $10 to $12.

Students also have the benefit, without charge, of the large Public Library of the city, which is located about the same distance from the School, and contains 188,000 volumes. They also have access, without charge, to the Newberry Library, which contains 117,000 volumes.

In addition to the library of the Law Institute, the Law School has a library of its own, in which will be found the reports and text-books most needed for reference. All current American cases are to be found in the National Reporter system, to which the School subscribes.

DEGREES.

All degrees are conferred at the general University Commencement, on which occasion all candidates for degrees are required to present themselves, the Oxford cap and gown being worn as the official dress.

I. BACHELOR OF LAWS.

The degree of Bachelor of Laws will be conferred upon students who complete the regular three years' course. But (*a*) the candidate must have pursued at least one full year's work as a resident student; and (*b*) the candidate must be credited, on the books of the School, with satisfactory examinations in courses of study amounting to ten hours a week for three years, or sixty semester-hours in all. All persons not admitted to advanced standing as candidates for a degree in less than three years must spend three years in the school and pay three years' tuition fees. A student who entered the School, however, at a time when its requirements for a degree were less than at present, will receive his degree upon complying with the requirements existing when he entered.

Four grades are given for work done. The grades are as follows: A, excellent; B, satisfactory; C, unsatisfactory; D, failure. Not more than ten semester-hours of grade C can be counted by a student toward his degree without the unanimous consent of the Faculty.

II. MASTER'S DEGREE.

The Master's Degree in Arts, Philosophy, Science or Letters will be conferred under the following conditions:

A graduate of the College of Liberal Arts of this University, or of some other in which the requirements for the Bachelor's Degree in Arts, Philosophy, Science or Letters are equivalent to the requirements for the same degree at this University, may obtain the Master's degree at the same time with the degree of Bachelor of Laws by pursuing, with the sanction of the Faculty of Liberal Arts, advanced work in subjects approved by that Faculty, and obtaining credit in such work to the amount of twelve semester-hours. The courses of study may, in part or entirely, deal with legal subjects; but courses of legal study, in order to count for the degree, must be (*a*) of advanced nature, (*b*) not otherwise counted for the degree of Bachelor of Laws, (*c*) pursued under the direction of a member of the Faculty of the Law

School. Students in law intending to become candidates for the Master's degree must register for the same in the College of Liberal Arts and in the Law School on or before the first Monday in October of the year in which they expect to graduate, and must pay the diploma fee of ten dollars. The Master's degree is open upon the same terms to graduates of the Law School who register before the October next following the completion of their professional course.

The following subjects have been approved by the Faculty of Liberal Arts, and work therein may be counted for the Master's degree: Constitutional Law, International Law, Administrative Law, Roman Law, Jurisprudence, Legal History.

FEES.

1. The tuition fee for regular students is one hundred and five dollars a year, payable in three installments of thirty-five dollars each, October 1st, January 10th, and April 1st. A rebate of five dollars is allowed to students who pay the entire tuition in advance on October 1st.

2. Fees for special students are calculated on substantially the above basis. For any course the fee is five dollars for each hour per week of classroom-work for a half-year. But students who take courses amounting to twenty-one term hours or more for the year may divide their tuition into three payments, or obtain by payment in advance of the entire amount the rebate of five dollars allowed to regular students in rule 1.

3. All fees for special courses are payable at the beginning of each course.

4. Students taking other than the regular work of the class pay fees as special students for the courses taken.

5. A Matriculation fee of five dollars is payable by all students at the time of entering the School.

6. A fee of ten dollars is charged for a diploma conferring the degree of Bachelor of Laws. This fee is payable June 1st, and is refunded if the student fails to graduate.

7. No reduction of fees is made to students who enter the School after the beginning of the academic year.

8. Students are permitted to take only those courses for which they pay tuition, but a student, while paying the regular fee of one hundred and five dollars may attend without charge any course for which he has paid in any preceding year.

9. No fees except diploma fees are refunded for any cause, but a student who is prevented by sickness or otherwise from attending any course may attend the same course in any subsequent year without charge.

10. The registration of all students who fail to pay their fees at the appointed time is canceled. Any student whose registration is canceled is required to pay a fee of one dollar for reinstatement.

11. Students may withdraw from the School at any time by giving written notice to the Secretary. Upon the receipt of such notice by the Secretary, the student will be released from his obligation to pay installments of tuition becoming due thereafter.

EXPENSES.

The School is situated within five minutes' walk of a district in which there are great numbers of private boarding houses. A list of desirable places is kept at the School. The following table exhibits the different scales of expenditure, from which the student may estimate the annual cost of living while at school.

	LOW.	AVERAGE.	LIBERAL.
Tuition	$100	$100	$100
Board (36 weeks)	110	135	200
Room	38	70	100
Washing	15	25	35
Text-books and Stationery	30	40	45
	$293	$370	$480

For further information relating to the school, address the Secretary of the Faculty, Northwestern University Law School, Association Building, 153 LaSalle St., Chicago, Illinois.

SCHOOL OF PHARMACY.

2421 DEARBORN STREET, CHICAGO.

FACULTY.

HENRY WADE ROGERS, LL.D., *President.*
OSCAR OLDBERG, Pharm.D., *Dean, Professor of Pharmacy.*
JOHN HARPER LONG, Sc.D., *Professor of Chemistry.*
WILLIAM EDWARD QUINE, M.D., *Emeritus Professor of Physiology, Therapeutics, and Toxicology.*
ALBERT SCHNEIDER, Phil.D., M.D., *Professor of Botany, Materia Medica, and Pharmacognosy.*
DAVID LAKE DAVOLL, Sc.B., Ph.C., *Professor of Applied Pharmaceutical Chemistry.*
MAURICE ASHBEL MINER, Pharm.M., *Assistant Professor of Pharmacy.*
FRANK BURNETT DAINS, Phil.D., *Assistant Professor of Chemistry.*
CHARLES WAGGENER PATTERSON, Ph.C., *Instructor in Dispensing.*

The School of Pharmacy enters upon the thirteenth year of its career this fall. It is located at 2421 Dearborn Street, Chicago, where it is amply provided with instruction rooms and laboratory facilities. Six different laboratories are at the disposal of the School of Pharmacy: A general chemical laboratory, a general pharmaceutical laboratory, a laboratory for botany and pharmacognosy, a special dispensing laboratory, a special laboratory for courses in applied pharmaceutical chemistry, and a bacteriological laboratory.

The annual attendance at the School of Pharmacy of Northwestern University has, for many years, been larger than in any other pharmaceutical school in the West, and the corps of teachers is, accordingly, also larger than usual.

The Faculty is a special pharmaceutical faculty, most of the teachers devoting their whole attention exclusively to the pharmaceutical students.

The museum of pharmacognosy and the collections of chemicals and pharmaceutical preparations are exceptionally complete, and the working library of the school contains those books and journals which are most useful to pharmacists and pharmaceutical students, including, for example, all the pharmacopœias of the world and all the principal scientific and technical journals devoted to pharmacy, chemistry and pharmacognosy.

Two distinct courses of pharmaceutical training are pursued. The course leading to the degree of Pharmaceutical Chemist occupies two annual school sessions of nearly nine months each, with the student's whole time occupied upon his studies and laboratory exercises. The course for the degree of Graduate in Pharmacy occupies two school terms of six months each, with the student's time fully occupied.

Students attending the School of Pharmacy of Northwestern University are not permitted to engage in drug store employment or other outside pursuits during the college sessions, unless they divide their studies, taking only one-half of the work during such employment, and thus extend the period of their college attendance proportionately. Half-time students, accordingly, are required to double the period of their college attendance.

The courses of instruction are graded or progressive and include lectures, recitations and laboratory work. The college year begins on the first day of the last week in September and ends about the middle of June. The school is open five days each week throughout the year, except that the Christmas recess occupies about two weeks and holidays are observed.

All students are held to their appointed hours in the instruction rooms and laboratories.

ADMISSION.

Students entering for the degree of Graduate in Pharmacy must be at least eighteen years of age and possess a good general education, such as is obtainable in the best American public schools. Students entering for the degree of Pharmaceuti-

cal chemist must have a general education corresponding to that required for graduation from high schools in the larger cities, or must prove a preliminary education equivalent to that required for high school graduation. All students should matriculate before the beginning of the term in order to avoid loss of time after the school work has commenced. Admission to the Senior class is, in the discretion of the Faculty, granted students who have successfully completed their Junior course in other pharmaceutical colleges or schools.

THE COURSES OF INSTRUCTION

I. DEPARTMENT OF PHARMACY.

FIRST YEAR.

(a) Metrology. General Principles of Pharmacy and Pharmaceutical Processes.

(b) Pharmaceutical Preparations.

(c) Laboratory Courses in General Operative Pharmacy.

(d) Laboratory Courses in the Art of Dispensing.

SECOND YEAR.

(e) The Pharmacopœias of the World. The Pharmacy and Chemistry of Plant Drugs and the Organic Pharmaceutical Chemicals.

II. DEPARTMENT OF CHEMISTRY.

FIRST YEAR.

(a) General and Inorganic Chemistry.

(b) Organic Chemistry.

(c) Laboratory Courses in Experimental and Analytical Chemistry.

SECOND YEAR.

(a) Gravimetric Analytical Chemistry.

(b) Urine Analysis.

III. DEPARTMENT OF BOTANY, MATERIA MEDICA AND THERAPEUTICS.

FIRST YEAR.

(a) Pharmaceutical Botany. Lectures and Laboratory Courses.

SECOND YEAR.

(a) Pharmacognosy. Lectures and Laboratory Courses.
(b) Therapeutics and Toxicology.
(c) Laboratory Courses in the Microscopical Examination of Powders, Food Products, etc.

IV. DEPARTMENT OF APPLIED PHARMACEUTICAL CHEMISTRY.

SECOND YEAR.

Lectures and Laboratory Courses in Applied Pharmaceutical Chemistry, Quantitative Chemical Analysis, the Assaying of Drugs and Pharmaceutical Preparations, Water and Food Analysis, etc.

V. OTHER COURSES.

FIRST YEAR.

Human Anatomy and Physiology.
Bacteriology. Lectures and Laboratory work.

FEES AND EXPENSES.

The Matriculation Fee, payable but once, is five dollars.

The Tuition Fee for each of the two school sessions occupied by the course for the degree of Graduate in Pharmacy is seventy-five dollars, and the tuition for the additional courses of the course for the degree of Pharmaceutical Chemist is thirty dollars for each year.

Students concurrently employed in drug stores and who, accordingly, take half work only, pay, proportionately, the same fees as other students. In other words, half-time students pay half fees.

The Diploma Fee is ten dollars.

A Laboratory Deposit of five dollars must be made by each student at the beginning of each school session to cover loss or breakage of apparatus. Laboratory accounts are closed at the end of each session, and such balance of the laboratory deposit as may remain after deducting the value of articles lost, damaged or destroyed is then returned to the student.

A total charge of ten dollars is made for drugs, chemicals and other materials consumed in the laboratories.

All fees are payable in advance.

TEXT BOOKS.

The total cost of the text-books required for the course for the degree of Graduate in Pharmacy is about twenty dollars.

BOARD AND ROOM.

Very good board and room together can be secured near the school at from four to six dollars per week. Students may also secure rooms and board separately. Information in regard to these matters and addresses of reliable and satisfactory private boarding places and furnished rooms will be supplied at the college office. Good accommodations are plentiful and satisfactory arrangements can be quickly made by each student immediately upon his arrival. It is unnecessary and rarely advantageous to secure board and room in advance.

For further information and special circular relating to the School of Pharmacy, address Professor Oscar Oldberg, the Dean of the School, 2421 Dearborn Street, Chicago, Illinois.

THE DENTAL SCHOOL.

CORNER OF MADISON AND FRANKLIN STREETS, CHICAGO.

FACULTY.

HENRY WADE ROGERS, LL. D., *President of the University.*

GREENE VARDIMAN BLACK, M.D., D.D.S., SC.D., LL.D., *Dean, Professor of Operative Dentistry, Pathology and Bacteriology.*

THOMAS LEWIS GILMER, M.D., D.D.S., *Professor of Oral Surgery.*

JOHN SAYRE MARSHALL, M.D., *Professor Emeritus of Oral Surgery.*

ADELBERT HENRY PECK, M.D., D.D.S., *Professor of Special Pathology, Materia Medica and Therapeutics.*

EDWARD HARRY ANGLE, D.D.S., *Professor of Orthodontia.*

EDMOND NOYES, D.D.S., *Professor of Dental Jurisprudence and Ethics.*

WILLIAM EDWARD HARPER, D.D.S., *Professor of Operative Technics and Assistant Professor of Operative Dentistry.*

JAMES HARRISON PROTHERO, D.D.S., *Professor of Prosthetic Technics, Prosthetic Dentistry and Metallurgy.*

FREDERICK BOGUE NOYES, D.D.S., *Professor of Histology.*

TWING BROOKS WIGGIN, M.D., *Professor of Physiology and Pathology.*

WILLIAM THOMAS ECKLEY, M.D., *Professor of Anatomy.*

VERNON JAMES HALL, PH.D., *Professor of Chemistry.*

ALTON HOWARD THOMPSON, D.D.S., *Professor of Comparative Anatomy.*

THEODORE MENGES, B.S., D.D.S., *Professor of Physics. Secretary of the Faculty.*

ACTIVE DEMONSTRATORS FOR 1898-99.

WALTER WILLIS JOHNSON.
GEORGE ROBERT RICHARDSON.
HARRY COPLEY.
JAMES W. BIRKLAND.
LELAND O. GREEN.
CHARLES NEWTON REESE.
BURT H. KERSHAW.
HARRY RALPH RISINGER.
ALBERT E. SWANSON.
LUCIAN WILLIS STRONG.
ARTHUR VERNON HARGETT.
ROBERT T. AISTON.
GEO. BUCHANAN MACFARLANE.
CLARK KENNEDY HARTZELL.
FREDERICK VERNON WILLIAMS.
OSCAR CARABINE.
WILLIAM EDWARD MORRIS.
ALEXANDER JOHN BELL.
JOHN LAWRENCE WAGNER.
CARLTON MARSHALL GERRETT.

Van E. Freeman.
George Wallace Minium.
Ray D. Kellogg.
John Herbert Kennedy.
Walter Anthony Brown.
Frank M. Gillespie.
Burt M. Mott.
Hugo G. Fischer.
James A. Harper.
William Prescott Scott.
P. J. Kester, *Special Demonstrator.*

The Dental School was founded by men who believed that the practice of dentistry and that of medicine are so closely related as to make it necessary that students of dentistry should have thorough instruction in certain branches of medical science. The desire is to raise the standard of dental education as rapidly as is consistent with the means and ability of the majority of students who desire to be properly educated for successful practice. The course of instruction is progressive, and extends over three years.

THE MANAGEMENT.

For the management of the Dental School the University has the services of Dr. Theo. Menges and Dr. G. V. Black, who devote their whole time to that work. Dr. Menges is the Secretary and Business Manager. He is an educator as well and gives much time to the general educational interests of the school. Dr. Black, on the other hand, gives his time and attention mainly to the dental educational features of the school, a duty which his long experience in teaching and wide familiarity with dental literature and educational matters render him especially fitted. It is becoming well known that in order for a dental school to succeed well, its business must be well and judiciously managed to the end that the most possible may be made of its income for the benefit of its classes. It is equally true that the devising and management of the courses of instruction, the order and modes of the presentation of subjects to pupils, and the arrangement of pupils and teachers in classes, sub-classes and sections for lectures, class-work, laboratory exercises and clinical teaching requires constant care and study of a high order to enable

students to realize the best results from their efforts during their years of school work.

In order that the realization of these ends may be attained in the highest possible degree, the University has secured this combination in the management of its school.

REQUIREMENTS FOR ADMISSION.

Requirements for admission and graduation are as follows:

A preliminary examination will be required for entrance to the dental school; such requirements shall include a good English education.

A candidate for matriculation who presents a diploma from a reputable literary institution, or other satisfactory evidence of literary qualification, will be admitted without further examination.

Students are required to attend three full regular courses of lectures, in separate years, before their final examination.

Before admission to examination, every student is required to pay the matriculation and course fees. In case of rejection, the course fees will be refunded.

Students are allowed to select seats in the lecture-room in the order in which they matriculate, and each student is required to occupy the seat selected, during the session.

ADMISSION TO ADVANCED STANDING.

Students will be admitted to the second-year course who present certificates, from recognized medical or dental colleges, of attendance upon one full course of lectures of at least six months, and of examinations in the studies of the first-year course in this college, satisfactory to the professors of the respective departments of that year.

Graduates of reputable medical colleges will be admitted to the second-year course, and will be excused from lectures and examinations upon general anatomy, chemistry, histology, physiology, pathology, materia medica, and therapeutics, but will be required to take the courses in operative and prosthetic

technics, special pathology, special histology, special materia medica, and therapeutics.

Students will be admitted to the third-year course who present certificates, from recognized medical or dental colleges, of attendance upon two full courses of lectures of at least six months each, one of which must have been in a dental college.

Candidates for advanced standing must present their certificates to the respective professors at the October examinations.

Candidates who fail at this examination may apply for re-examination in February.

COURSE OF STUDY.

FIRST YEAR.

Anatomy, two lectures per week during term.
Anatomy, dissecting one-half.
Physiology, to Nervous System, two lectures per week.
Histology, lectures, one lecture per week.
Histology, laboratory, two hours per week.
Chemistry, lectures and class work, two hours per week.
Operative Technics, three half days per week.
Prosthetic Technics, three half days per week.
Prosthetic Dentistry, one lecture per week.
Metallurgy, one lecture per week.
Quiz and study hours.

SECOND YEAR.

Anatomy, two lectures per week during term.
Anatomy, dissecting one-half.
Physiology, Nervous System, one lecture per week.
General Materia Medica and Therapeutics, three lectures per week.
Special Materia Medica and Therapeutics, three lectures per week.
Pathology, general, one lecture per week.
Pathology, special, one lecture per week.
Chemistry, laboratory, three hours per week.
Histology, general and dental, lectures, one per week.
Histology, laboratory, two hours per week.
Prosthetic Dentistry, lectures, one per week.
Operative Dentistry, lectures, one per week.

Prosthetic Dentistry, laboratory and infirmary practice.
Operative Dentistry, infirmary practice.
Quiz and study hours.

THIRD YEAR.

Dental Pathology, special, three lectures per week.
Bacteriology, three lectures per week.
Special Materia Medica and Therapeutics, three lectures per week.
Oral Surgery, one lecture per week.
Oral Surgery Clinics, one and one-half hours per week.
Orthodontia, one lecture per week.
Orthodontia Clinics, three hours per week.
Dental Jurisprudence, about ten lectures.
Ethics, about ten lectures.
Prosthetic Dentistry, lectures, one lecture per week, half the term.
Prosthetic Dentistry, infirmary practice.
Operative Dentistry, lectures, two per week.
Operative Dentistry, infirmary practice.
Quiz and study hours.

Quiz Classes.—The Faculty of this school, having learned from experience the great value and assistance of this form of teaching, have provided, without extra charge, a competent corps of quiz masters, who will follow the professors in their teaching, and thereby assist the students to a more thorough comprehension of the subjects taught, and with much less labor than would otherwise be required.

FACILITIES FOR INSTRUCTION.

The operating-room is furnished with one hundred and sixty chairs. Each student is supplied with a cabinet, containing safe combination lock, in which to lock up his engine, instruments, wearing-apparel, etc. The operating-room is 80 x 101 feet; nineteen feet from floor to ceiling; light on three sides, with skylight extending nearly the entire length of the room.

Adjoining this is a room 35 x 35 feet, well lighted and ventilated, and supplied with operating chairs and laboratory benches for practical operations in crown and bridge work, correction of irregularities, and for porcelain art. All the

modern furnaces for the baking of porcelain are found in this department.

The main lecture-hall is one of the most complete of its kind in the country, and affords a seating capacity for 400 students. It is furnished with the latest improved tablet opera-chairs.

The prosthetic and operative technic rooms, chemical and histological laboratories are thoroughly equipped for the work required to be done. No expense or pains have been spared to make the equipment and appointment of the college complete in every detail.

Electric motors are in use in the laboratories.

METHODS OF INSTRUCTION.

Dental Technics.—Two special courses are given for manual training in the mechanical operations of dentistry, and a study of the anatomy and physical structure of the teeth. The instruction is by classwork, the students performing operations upon natural teeth set in convenient forms, and making sets of artificial teeth, crowns, bridges, etc. They undertake each operation or construction separately, beginning with the simplest, and are required to complete each acceptably. All of this work is done under the immediate direction and instruction of the respective technic professors. Experience has shown that this is the best method yet devised for the rapid attainment of the high degree of manual skill required in the practice of dentistry, and the acquisition of a scientific and practical knowledge of those mechanical laws and relations in conformity with which all successful operations must be conducted.

Operative Technics.—In operative technics the practical study of dental anatomy occupies the first part of the course. In this the student is made familiar with dental nomenclature as it relates to the teeth directly, and with the anatomical forms of every part of each human tooth. Afterward, dissections of the teeth are made and the anatomical forms of the pulp-chambers and root-canals are studied. Then follows a

short course of study of the forms of the cutting instruments used in the preparation of cavities in teeth. This includes the philosophy of instrument forms and their adaptation to their special work, and specifically a study of the individual instruments of the set used in the school. Following this, exercises are introduced in the preparation of cavities in natural teeth and a study of cavity forms and cavity nomenclature. In this students receive a drill in the use and care of instruments, instrument grasps and the adaptation of special instruments to specific purposes. This kind of manual training is continued with these dental cutting instruments in the carving of tooth forms in ivory, at the same time developing more perfectly the student's knowledge of tooth forms, and his manual skill. The exercises in the use and adaptation of the various filling materials are introduced together with exercises in filling root-canals. This course is intended to prepare the student to begin intelligently his clinical work in operative dentistry. The course occupies two and one-half hours per day, three days per week, during the Freshman year.

Prosthetic Technics—Syllabus.—Taking impressions of the mouth, and the practical use of all the ordinary materials employed for that purpose. The making and repairing of metal plates. Making of the simpler forms of shell crowns, followed by making of porcelain and band crowns for the anterior teeth, and porcelain-faced crowns for bicuspids and molars, carefully shaped to the forms of natural teeth, and the assembling of crowns to make bridges. The operations are taken up consecutively, and every student is required to perform each one acceptably before proceeding to the next.

A list of instruments and appliances for the technic courses will be furnished students at the beginning of the term. The instruments indicated in the list are *required*, and must be obtained before students begin classwork, those for the operative course costing about $20.00, and those for the prosthetic, $18.00. The instruments required in the technic classes will, all of them, be needed subsequently for clinical work in the infirmary and laboratory.

NOTE.--The operations in the technic departments require a very large number of natural teeth, and a sufficient supply is sometimes difficult to get. It will therefore be to the interest of students if they will bring with them all the extracted teeth they can obtain.

Dental Histology.—During the course in *dental histology*, practical inferences, to be drawn from the study, will be duly emphasized.

Recent developments in the study of the enamel have shown that a knowledge of the histology of this important structure is fundamental to the greatest success as an operator; it will therefore receive special attention. The direction of its rods in the different localities, together with their striæ will be studied, and the relative strength of its rods and cementing substances, as shown by the action of acids and caries. The lines of strength and weakness will be taught, as well as the lines of cleavage.

The dentine, dental pulp and mucous membrane of the mouth will receive due attention; careful studies of the cementum will be made, especially the rings of added growth found in older persons. The student will be made thoroughly familiar with the structure of the peridental membrane, the direction of its fibers upon various parts of the tooth, and their mode of attachment and reattachment, blood and nerve supply, etc., etc. The periosteum and peridental membranes will be compared and differences shown. The course of embryology will embrace the study of the development of the teeth, as well as the development and calcification of the maxillæ.

Photomicrography and Lantern Slides.—This school is now well equipped with photomicrographs and lantern slides made mostly from our own objects for use in class work illustrations in connection with microscopic work in histology and embryology. In Operative Dentistry, Comparative Anatomy, Orthodontia, Oral Surgery and other departments of study, the fullest practical use is being made of this excellent means of illustrative teaching. The number of elegant lantern slides and class-work photos is already very large and is being rapidly increased every year.

Chemistry.—The value to be derived from a good under-

standing of the science of chemistry as associated with dentistry cannot be overestimated. It is a fact to be regretted that the average dentist knows but little of the chemical character and methods of preparation of many of the most common materials in use. With these facts in mind, and with the object of showing the dental student the economy of manufacturing many articles in common use, a rather new departure has been made within the past two years in the course offered in chemistry in this institution, the substance of which can be drawn from the following: Elementary Chemistry, which continues throughout the Freshman year, is taught entirely by lectures. These lectures are fully illustrated by experiments before the class. Particular attention is given to the metals and their ores, specimens of which are kept constantly before the class. In this course it is found most practicable to follow some standard text-book, the plan being to assign work in advance of the lectures so that when the student enters the lecture he has some preparation on the subject under discussion. Freshman students are required to attend two lectures a week.

Upon the opening of the Junior course the subject of Qualitative Analysis is taken up, including abundant practice upon unknown mixtures and in the analysis of alloys, cement, teeth, etc.

Following this a thorough study of the various dental cements is made, including the testing of cements for injurious quantities of arsenic. This course includes the preparation by each student of a practical oxyphosphate cement which is free from arsenic.

The subject of alloys is next taken up with particular attention to those used in dentistry. An alloy of an assigned formula is made and studied by each student. The work, from the weighing out of the metals to amalgamation and packing of the prepared material in cavities in specially prepared steel blocks, is done entirely by the student. After the fillings are made, microscopical examinations and micrometrical measurements follow and the student makes a com-

plete report of the results. Somewhat over 200 alloys are made and examined, thus giving the student a thorough insight into the subject.

A course in solder making is next given, including the preparation of tin, gold and silver solders.

Refining metals is the next subject. Gold and silver scraps are refined and used in making solders or alloyed and rolled into plate.

Finally, in addition to the above, a course in the preparation and testing of rubber and in the preparation and assay of hydrogen dioxide follow. Each student is required to prepare at least 6 oz. of 3 per cent. solution of pyrozone. The year's course ends with the analysis of saliva and urine.

In addition to the ordinary outfit the laboratory is provided with a special large Hosking furnace and other forms of furnaces, rolling machines, anvils, balances, and many other forms of apparatus for this special course.

Junior students are required to spend three hours per week in the laboratory throughout the year.

Special Materia Medica and Therapeutics.—A thorough and complete course of instruction will be given in this department. In connection with the didactic work, ample demonstrations of the application of the various remedies for the alleviation of the various forms of disease will be made during the term.

Special attention will be given to the prescribing of medicines, and to the intelligent use of local and systemic agents for the purpose of rendering more easy the performance of painful operations. The whole course will be made as thoroughly practical as is possible.

Antiseptics.—In connection with this department a thorough course is given in the practical testing of antiseptics in the Bacteriological department. The antiseptics used in dentistry are subjected to practical tests of their antiseptic power and of their irritating and poisonous properties toward the animal tissues, affording the student a rational basis of choice of antiseptics for use in special cases and conditions.

Orthodontia.—The instruction will follow the text-book generally, and will give particular attention to preventive measures by the care of the deciduous teeth, and corrective treatment during the irruption of the permanent teeth. The most important part of this course will consist of the treatment of practical cases in the infirmary, the care of which will be given to individual students, under the direction of the professor, who will also use them for class instruction as may be necessary.

Crown and Bridge Work.—Special attention will be given to instruction in this department by the professors of prosthetic dentistry, of orthodontia, and of prosthetic technics, and also by the demonstrator of prosthetic dentistry.

Continuous Gum-work.—This will be taught by special clinics in the third year.

Bacteriology.—The subject of bacteriology will form an important part of the course, and will be presented especially in its relations to dental pathology and dental practice. The student will be familiarized with the general principles of the subject, with the nature of these growths, the place they occupy in nature, their physiological processes, how and where they grow, how they live, what they do, and how they produce disease. The differences between disease-producing and non-disease-producing organisms will be pointed out. The micro-organisms of the human mouth will receive special attention. They will be collected from patients in the infirmary and from members of the class in the lecture-room, thus pointing out their natural habitat and the appearances produced by their natural growth. These will be cultivated in the various culture media, illustrating the growths as they appear to the naked eye, and in such ways as to illustrate the practical necessities of aseptic operating in dentistry, when and how dangers of infection arise, and how to avoid them. Species will be separated by plate culture, and pure growths of varieties obtained directly from the mixed growths gathered from patients and students. The forms of growth, as they appear to the unaided eye on the various culture media, will be studied in the lecture-

room and laboratory, and the microscopic characters of the organisms, plans of staining, mounting, etc., will be studied by sections in the laboratory. The testing of antiseptics will be studied in a practical way, the values of the individual drugs ascertained, and their practical use illustrated by their direct effect on growing micro-organisms. The laboratory is provided with the necessary apparatus for this work.

Oral Surgery.—A course of didactic and clinical lectures will be given throughout the entire term, on all subjects embraced under this head, such as operations for hare-lip, cleft palate, exsection of nerves, fractured jaws, removal of tumors, removal of facial defects and blemishes; the treatment of caries and necrosis of bone, of empyema of the maxillary sinus, the extraction of teeth, etc., also the practical application of anæsthetics, both general and local.

This course is sufficiently comprehensive, not only to ground the student well in the principles of general surgery, but to fit him for the practical work which he will meet in his practice.

The oral surgery clinic-room was fitted for and is used only for this clinic. It is supplied with modern appliances for surgical operations, and is so arranged that each member of a very large class may see the operations.

Practical asepsis and antisepsis are demonstrated at each clinic.

Material for this clinic is ample at all times to afford the student the best opportunity to study pathological conditions and injuries of the jaws, face, and associate parts.

Cases will be assigned to students for after-treatment, under the supervision of the professor and his assistants, in order that they may become more thoroughly familiar with disease and its treatment, including the practical application of dressings.

Operative Dentistry.—This subject is taught by illustrated lectures, and practically in the clinic-room. Professor Harper, as assistant professor of operative dentistry, will direct his efforts more especially to the Junior class, while Professor

Black will give more particular attention to the Senior class, while both classes will attend the lectures of each. In this way the presentation of the practical and theoretical portions of this subject will be made very full and complete.

Professor Black will also be present in the clinic-room afternoons and supervise the clinical teaching.

Professor Harper will also spend a portion of his time in the clinic-room, mostly with the Junior class, directing his attention more especially to methods of instrumentation and giving general direction to beginners in the clinic-room.

The demonstrators will be increased in number this year in order to more effectively handle the great clinic of this school, which has required an extension of space in the clinic-room and the addition of a large number of operating-chairs.

Third Year.—Especial attention is given during this year to practical operations. Porcelain work, crowns and bridges and all the higher mechanical operations must be peformed by the senior student under the watchful care and instruction of the professors and teachers. The most careful instruction, both in the clinic-rooms and lecture hall, is given in operative dentistry. Clinics in oral surgery and the treatment of pathological conditions receive careful attention.

PRACTICAL WORK.

Especial attention is given in the third year to practical work. Porcelain work, crown and bridge work, and all the higher mechanical operations must be performed by the senior student, under the watchful care and instruction of the professors and teachers. The most careful instruction, both in the clinic and lecture-hall, is given to operative dentistry. Clinics in oral surgery and the treatment of pathological conditions are attended.

PRACTICE IN THE INFIRMARY.

No amount of scientific attainments can compensate for lack of skill in practice. Recognizing this fact, the school performs operations free of charge for all unable to pay.

The clinic-rooms are daily crowded with patients, beyond the needs of the various classes. Second and third year students begin their clinic work at the opening of the term, and continue throughout the session.

First-year students begin practical operations at the close of the first term.

Every student of the school is therefore advanced in practical operative work as rapidly as he qualifies himself to perform operations, irrespective of his belonging to the first, second, or third year class.

Second and third year students will be required to perform practical operations for patients in the operating-room and laboratory of the dental infirmary. This work will be done under the supervision of the professors of operative or prosthetic dentistry, or of skilled demonstrators.

The Professor of Operative Dentistry, will give clinical instruction in the infirmary every afternoon.

REQUIREMENTS FOR GRADUATION.

The degree of Doctor of Dental Surgery is conferred on such students as complete the course of instruction, having attended three courses of lectures and passed satisfactory examinations in all the subjects of study. To be admitted to the degree, the student must be twenty-one years of age, and possess a good moral character. He must have dissected at least two parts of the human body, and have studied dentistry for three years.

The monthly reports of the quizzes and practice of the student will bear very materially upon their standing at all examinations.

EXPENSES.

Fees are good until April 6, 1899. The fees are payable in advance, and are not returnable nor transferable to another term.

FIRST YEAR.

Matriculation Fee,	$ 5.00
General Ticket	100.00
Histological Laboratory Ticket	5.00
Dissecting Fee (1 part)	10.00

SECOND YEAR.

Matriculation Fee	$ 5.00
General Ticket	100.00
Histological Laboratory Ticket	5.00
Dissecting Fee (1 part)	10.00

THIRD YEAR.

Matriculation Fee	$ 5.00
General Ticket	100.00
Final Examination Fee	20.00

A fee of five dollars must be deposited to cover chemicals and breakage in Chemical Laboratory.

Good board and rooms convenient to the school can be obtained at prices varying from three dollars and a half to five dollars a week, according to the accommodations; also, vacant rooms, without board, furnished or unfurnished, can be obtained at from six dollars to ten dollars per month.

For further information and special circular relating to the Dental School, address Theodore Menges, D.D.S., corner Madison and Franklin Streets, Chicago, Illinois.

WOMAN'S MEDICAL SCHOOL.

333 TO 339 S. LINCOLN STREET, CHICAGO.

FACULTY.

HENRY WADE ROGERS, LL.D., PRESIDENT OF THE UNIVERSITY.

MARIE JOSEPHA MERGLER, M.D., DEAN, *Professor of Gynecology and Clinical and Operative Gynecology.*

ISAAC NEWTON DANFORTH, A.M., M.D., DEAN *Emeritus, and Professor of Principles and Practice of Medicine, and Clinical Medicine.*

DANIEL ROBERTS BROWER, A.M., M.D., *Professor of Diseases of the Nervous System.*

EUGENE SOLOMON TALBOT, M.D., D.D.S., *Professor of Oral Surgery.*

ELIZA HANNAH ROOT, M.D., *Professor of Obstetrics and Clinical Obstetrics.*

JOSEPH ZEISLER, M.D., *Professor of Dermatology.*

HENRY TRUMAN BYFORD, A.M., M.D., *Professor of Clinical Gynecology.*

RACHEL HICKEY CARR, M.D., *Professor of Histology.*

LEONARD LAWSHE SKELTON, A.M., M.D., *Professor of Physiology.*

FRANKLIN CHAMBERLAIN WELLS, M.D., *Professor of Materia Medica and Therapeutics.*

MARY M. BARTELME, LL.B., ASSISTANT SECRETARY, *Professor of Medical Jurisprudence.*

ISAAC ARTHUR ABT, M.D., *Professor of Diseases of Children.*

KATHERINE LOUISE ANGELL, M.D., *Professor of Bacteriology.*

WILLIAM EVANS CASSELBERRY, M.D., *Professor of Laryngology and Climatology.*

JEAN MOTTRAM COOKE, M.D., *Professor of Clinical Pathology.*

RICHARD DEWEY, M.D., *Clinical Professor of Mental Diseases.*

ARTHUR ROBIN EDWARDS, A.M., M.D., *Professor of the Principles and Practice of Medicine, and Clinical Medicine.*

VERNON JAMES HALL, M.S., Ph.D., *Professor of Chemistry.*

ALICE HAMILTON, M.D., *Professor of Pathology and Director of the Histological and Pathological Laboratories.*

JAMES BRYAN HERRICK, A.B., M.D., *Professor of Clinical Medicine.*

*EDWARD CRANE MILLER, M.D., *Professor of Practical Anatomy.*

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* Deceased.

OSCAR OLDBERG, Pharm.D., *Professor of Pharmacy.*

JOHN RIDLON, A.M., M.D., SECRETARY, *Professor of Orthopedic Surgery.*

SARAH HACKETT STEVENSON, M.D., *Associate Professor of Obstetrics and of the Ethics and History of Medicine.*

WELLER VAN HOOK, A.B., M.D., *Professor of Surgery and Clinical Surgery.*

CHRISTIAN FENGER, *Professor of Clinical Surgery.*

BERTHA VAN HOOSEN, A.M., M.D., *Professor of Embryology.*

FRANK ALLPORT, M.D., *Professor of Ophthalmology and Otology.*

WILLIAM T. ECKLEY, M.D., *Professor of Anatomy.*

ELIZABETH TROUT, M.D., *Assistant Professor of Nervous Diseases.*

FRANCIS XAVIER WALLS, M.D., *Assistant Professor of Surgery.*

MARIE ALBERTINA OLSEN, M.D., *Instructor in Diseases of the Chest and Throat.*

ALICE LOIS LINDSAY, M.D., *Clinical Assistant to the Chair of Nervous Diseases and Assistant Demonstrator of Anatomy.*

LOUIS THIXTON, M.D., *Assistant Professor of Anatomy.*

JOSEPHINE ESTABROOK YOUNG, M.D., *Lecturer in Practical and Clinical Medicine.*

GRACE OSBORNE, M.D., *Lecturer on Hygiene and Clinical Assistant to the Chair of Medicine.*

MARY CAROLINE HOLLISTER, M.D., *Instructor in Ophthalmology and Otology.*

VOLBERG SOGN, M.D., *Instructor in Gynecology.*

JAMES CORNELIUS GILL, M.D., *Instructor in Diseases of the Nervous System.*

EMMA SIGEL, M.D., *Instructor in Venereal Diseases.*

SHERMAN HARRISON CHAMPLIN, M.D., *Instructor in Surgery.*

FREDERICK CLEVELAND TEST, A.M., M.D., *Instructor in Orthopedic Surgery.*

ANNABEL CLEVELAND TEST, B.A., M.D., *Instructor in Physiology.*

HELGA RUUD, M.D., *Clinical Instructor in Obstetrics.*

ROSE WILLARD, M.D., *Chief Clinical Assistant in Gynecology.*

ELIZABETH H. DUNN, A.M., M.D., *Clinical Assistant to the Chair of Nervous Diseases.*

ALICE CONKLIN, M.D., *Clinical Assistant to the Chair of Nervous Diseases.*

STANNIE M. SUTTLES, M.D., *Assistant to the Chair of Clinical Medicine.*

MAY MICHAEL, M.D., *Assistant in the Department of Diseases of Children.*

JANE M. KELSEY, M.D., *Assistant in the Department of Diseases of Children.*

MARY DOWIATT, M.D., *Clinical Assistant to the Chair of Dermatology.*

GEORGE H. SHAMBAUGH, A.M., M.D., *Instructor in Laryngology.*

CORINNE BUFORD ECKLEY, *Assistant Demonstrator of Anatomy.*

The Woman's Medical School was founded in 1870, under the name of the "Woman's Hospital Medical College." Afterward it was known as the "Woman's Medical College of Chicago." During the year 1892 it became a part of the University, to be known as "Northwestern University Woman's Medical School." It is conducted as a regular school of medicine for the education of women only. By the action of the University authorities the former graduates of the Woman's Medical College have been made alumnæ of the University.

The statements made below as to conditions, fees, rules, and courses of lectures, relate to the year ending June 1, 1899, only, and are applicable to all students, without regard to the time of a first or any subsequent matriculation.

Students graduating in 1899, and subsequent classes, are required to pursue the study of medicine in college for four years, and to attend four annual courses of lectures, of not less than eight months' duration each.

REQUIREMENTS FOR ADMISSION.

Candidates for admission must give satisfactory evidence of a good English education before matriculating. Those with the degree of A.B. or S.B. from recognized colleges will be admitted without examination. Candidates may present certificates from High Schools, Academies, or Teachers' Certificates, and, if satisfactory, such certificates will be accepted instead of examination; but in all cases such certificates must include a reasonable knowledge of Latin, Algebra, and Physics. Candidates without certificates will be required to pass an examination before a committee of the Faculty of the College of Liberal Arts of the University in the following branches:

1. *English Grammar*—(Whitney's Essentials of the English Language, or its equivalent).

   Composition—(Shaw, or an equivalent).

2. *Arithmetic* — (Wentworth, or an equivalent, including the Metric System).

3. *Elementary Algebra*—(Wentworth, or an equivalent).

4. *Physics* – (Gage).

5. *Latin*—(Collar or Daniells, First Latin Book, or an equivalent).

Candidates may be granted conditions in two of the following subjects: Algebra, Physics, and Latin, but not for longer than the Freshman year.

ADVANCED STANDING.

Students who have taken the preparatory medical course in the College of Liberal Arts of the University, or an equivalent in any other University of acknowledged standing, will be admitted to the second year without examination. This preparatory course must include the number of hours and branches given in the following schedule:

General Biology, - - -	100 hours.	Histology,	100 hours
Botany, - - - - - -	100 hours.	Physiology,	150 hours
General Chemistry (Inorganic),	200 hours.	Embryology,	50 hours
Physics, - - - - -	75 hours.	Zoölogy,	50 hours

In addition to this, they will be required to take the Anatomy of the first year and Organic Chemistry.

Advanced Standing for Undergraduates from other Medical Colleges. — Students of recognized medical colleges in good standing, who comply with the preliminary requirements of admission, and who present satisfactory certificates of having completed the work, and of having successfully passed the examinations in the first, second, or third course, may enter the succeeding year; but in case the certificates are not satisfactory, they must pass examinations in the branches of previous years before being promoted.

Candidates for advanced standing must present their certificates to the Secretary of the Faculty at the time of the October examinations, or earlier.

No applicants for instruction in special fourth year branches only will be admitted to lectures in the third or fourth year course, who have not complied with the regular requirements of admission, and passed final examinations in first and second year branches.

ADMISSION OF SPECIAL STUDENTS.

Those who desire a systematic and thorough knowledge of Anatomy, Physiology, Chemistry, or Microscopy as a qualification for teaching, or as a part of a liberal education, and who do not wish to pursue the regular curriculum with reference to graduation, are encouraged to take advantage of the facilities afforded in this school, and are permitted to take a special course without an entrance examination. If at any time they desire to pursue the full course, with a view to taking the degree, they will be required to pass the entrance examination.

CURRICULUM OF STUDY.

FIRST YEAR.

1st Semester.

Anatomy,	5 hours a week.
Chemistry (First),	4 " "
Physiology,	3 " "
Pharmacy,	1 " "
Physics,	1 " "
Hours per week,	*14*
Chemical Laboratory,	4 hours a week.
Histological Laboratory,	6 " "
Physiological Laboratory,	2 " "
Hours per week,	*12*

2d Semester.

Anatomy,	5 hours a week.
Chemistry,	1 " "
Histology,	2 " "
Physiology,	3 " "
Pharmacy,	1 " "
Physics,	1 " "
Hours per week,	*13*
Chemical Laboratory,	4 hours a week.
Histological Laboratory,	2 " "
Embryology,	4 " "
Pharmaceutical Laboratory,	2 " "
Hours per week,	*12*

Dissection, 2 hours a day.

SECOND YEAR.

1st Semester.

Anatomy,	4	hours a week.
Physiology,	2	" "
Materia Medica,	3	" "
Pathology,	2	" "
Hygiene,	2	" "
Hours per week,	*13*	

Pathological Laboratory, 4 hours a week.
Bacteriological Laboratory, 12 hours a week for 10 weeks.
Clinical Examination of Urine, 2 hours a week.
Physiological Laboratory, 2 hours a week.

2d Semester.

Anatomy,	4	hours a week.
Physiology,	2	" "
Materia Medica and Therapeutics,	3	" "
Physiological Chemistry,	2	" "
Pathology,	2	" "
Bacteriology,	1	" "
Histology of the Nervous System,	1	" "
Hours per week,	*15*	

Laboratory work same as first semester, with addition of 2 hours in Physiological Chemistry.
Dissection—2 hours a day for 8 weeks.

THIRD YEAR.

1st Semester.

Practice of Medicine, including Nervous Diseases, Renal Diseases, and Chest and Throat,	7	hours a week.
Surgery,	6	" "
Obstetrics,	2	" "
Gynecology,	2	" "
Surgical Anatomy,	1	" "
Pathological Laboratory,	2	" "
Hours per week,	*20*	

College Clinics obligatory. (Not included in above.)

2d Semester.

Practice of Medicine, including Nervous Diseases, Renal Diseases, and Chest and Throat,	7	hours a week.
Surgery,	6	" "
Obstetrics,	2	" "
Gynecology,	2	" "
Surgical Anatomy,	1	" "
Pathological Laboratory,	2	" "
Hours per week,	*20*	

College Clinics obligatory. (Not included in above.)

FOURTH YEAR.

1st Semester.

Practice of Medicine, including Chest and Throat, and Nervous Diseases and Electrology,	7	hours a week.
Surgery, including Orthopedic Surgery,	4	" "
Obstetrics,	2	" "
Gynecology,	2	" "
Dermatology,	1	" "
Ophthalmology and Otology,	1	" "
Children's Diseases,	1	" "
Oral Surgery,	1	" "
Hours per week,	*19*	

Clinics and Hospitals obligatory. (Not included in above.)

2d Semester.

Practice of Medicine, including Chest and Throat, and Nervous Diseases and Electrology,	7	hours a week.
Surgery, including Orthopedic Surgery,	4	" "
Obstetrics,	3	" "
Gynecology,	2	" "
Ophthalmology and Otology,	1	" "
Dermatology,	1	" "
Children's Diseases,	1	" "
Medical Jurisprudence,	1	" "
Hours per week,	*20*	

Clinics and Hospitals obligatory. (Not included in above.)

PLAN OF INSTRUCTION.

Instruction is given by didactic lectures, recitations, clinical lectures, and practical work.

Didactic Teaching. — From three to five didactic lectures are given each day by a full corps of experienced teachers. These lectures are so arranged and apportioned among the different professors that all the branches of the curriculum are taught in a complete and systematic manner. Objective methods are given a prominent place in this department of instruction.

Recitations.—Some of the branches of the curriculum are taught almost entirely by recitations of regularly assigned lessons from text-books. Many of the subjects are partly taught by this method, while each professor, either by himself or his assistants, conducts frequent recitations and examinations, in order to supplement and enforce the teaching by lectures.

Internal Medicine.—Instruction in Internal Medicine as given by Professor Arthur R. Edwards: This course includes a clinic in the County Hospital from 8 to 10 Thursday mornings. In this clinic several cases are demonstrated at each clinic and the diseases covered not only from a clinical but also from the didactic standpoint. After the clinic the students are given opportunity to examine the patients individually and to identify the main points elaborated during the clinic.

Dr. Edwards also gives a medical clinic on Monday mornings from 10 to 12 in the Cook County Hospital Amphitheater, in which clinic numerous cases are demonstrated rather than discussed theoretically, the students being given an opportunity to identify all of the points in the individual case. Thus, for example, opportunity is given to palpate the abdominal viscera, to note microscopical findings, to listen to heart murmurs, friction, rubs, etc., etc. This clinic is given with the help of Dr. A. F. Lemke and is intended to supplement the work in physical diagnosis, the work being almost wholly objective.

Dr. J. E. Young conducts recitations and lectures in medicine and gives also instruction in physical diagnosis to the junior class, touching upon the theoretical points of physical diagnosis and then immediately illustrating the same with the demonstration of cases. This course covers the diagnosis of thoracic lesions and abdominal disease particularly. It unites the features of a didactic and demonstrative course.

Dr. Blount demonstrates the clinical course of the acute disease at the bed-side in Dr. Edwards' ward, covering the most important diseases and the demonstrations limited to classes of six.

In the work in internal medicine as outlined above it is believed the students receive more immediate personal instruction than given in any other medical school in the country. The material being so ample and the classes relatively small, the student is given an opportunity to reach the cases directly.

Obstetrics.—The course in obstetrics, in charge of Professor Root, is a graded one, the work of the junior year is confined to normal obstetrics, and the senior to operative obstetrics, diseases of the puerperum, and the new-born. Puerperal diseases and diseases of the new-born is in charge of Dr. Sarah Hackett-Stevenson, associate professor in the chair. In both the junior and senior classes the students are drilled on the Budin-Pinard manikin, with the normal fœtus in versions, use of the obstetrical forceps, etc.

Surgery.—A systematic plan of instruction in Surgery is followed. Second year students are instructed in Surgical Pathology in the laboratory by Dr. Champlin. Each student is required to study sections under the microscope and to make a drawing of every section presented, and, when possible, the students will prepare the sections themselves for examination. Gross specimens will also be studied by the class in the laboratory.

Third year students will be given a thorough and systematic drill in principles and practice of Surgery by Dr. Walls in a recitation course from a text-book. This course is not, however, expected to be a rigid one; the teachers will introduce

illustrations on the subject discussed, from the literature, as opportunity offers, and students will be encouraged to form opinions of their own.

Third and fourth year students will attend the clinics of the professors of surgery and orthopedic surgery. While a clinical point of view will be maintained in these lectures, the more common and important topics will be given a somewhat systematic consideration.

Department of Pediatrics.—Professor Isaac A. Abt. Clinical Instructors: Drs. Eliza R. Morse, Charles Todd, May Michael, Jane Kelsey. The work in this department consists of didactic and clinical lectures.

1. In the didactic course, the physiology and hygiene, the diseases of the new-born, nutrition, infant-feeding, the diseases of special organs, and the acute and chronic infectious diseases, are studied.

These lectures are given one hour weekly throughout the year.

2. The clinical lectures are conducted before the entire class. Students are in turn called upon to examine the patient and outline the treatment. The material is abundant, making it possible to demonstrate a large variety of cases.

3. Dispensary clinics are held daily throughout the year, and students have the opportunity to examine and treat patients under the supervision of the clinical instructors.

4. A Pediatric Journal Club and Seminar is offered as an optional course to a limited number of advanced students.

LABORATORY WORK.

In the several laboratories of the school opportunies are provided for practical instruction in Anatomy, Medical Chemistry, Clinical Microscopy, Histology, Pathology, and Bacteriology, as the following paragraphs will more fully indicate:

Anatomical Laboratory.—The work in this department is done under the personal direction of the Professor of Practical Anatomy and his assistant demonstrators. The regional method of dissection is followed, and throughout the course the instructors make demonstrations of various structures and regions as occasion arises. Students are not admitted to this course until they have completed the subject of Osteology.

The course comprises four parts. First year students take one or both of the two primary parts, viz.—the Upper Extremity and the Lower Extremity; both are required parts. Second year students take the advanced parts, viz.—the Head and Neck and the Thorax and Abdomen with Viscera; the first of these is a required part, the second is elective to those having finished the three required parts. Upon each of these parts the student is required to demonstrate to the instructor at least 120 points, and at the end of the dissection to pass a final practical examination on the part.

Chemistry.—The course in Chemistry is designed not only to teach the elements of the science, but also to illustrate those facts in Chemistry which have a direct bearing upon medicine.

The first year course consists of 6 hours per week in the laboratory, supplemented by quizzes and lectures. This course treats of General Chemistry, and includes an introduction into qualitative analysis.

Qualitative analysis is continued in the second year course, with practice upon unknown mixtures.

This is followed with a four weeks' course in Toxicology. Subjects in Sanitary Chemistry such as the analysis of milk, bread, and other foods are next taken up and continued for a period of 4 weeks.

The remainder of the year is spent in the study of Physiological Chemistry, including urine analysis.

Second year students spend 6 hours a week in laboratory work. A new chemical laboratory was completed in October, 1897. It is 50x30 feet in size, and in addition to the main laboratory, there is an office and storeroom. It is well ventilated with hoods or fume closets, and well lighted.

Table space of three feet is provided for each student, and fifty students can be accommodated at one time. In addition each table has two separate compartments, so that one hundred students can have individual lockers. Each table is supplied with gas, water, reagents, and all apparatus necessary to carry on the work.

Histological Laboratory.—Each first year student is required to work in the Histological Laboratory for 4 hours a week during the entire year. The didactic lectures are given in conjunction with the Laboratory Course, the specimens studied during each period illustrating the subject of the lecture. The students stain and mount their own specimens and make drawings of all tissues and organs.

The course in Histology of the Nervous System is given in a series of lectures and demonstrations during the second semester of the second year.

Physiological Laboratory.—The equipment of this department has been greatly added to during the present year, particularly in the line of appliances for the graphic presentation of physiological processes, several hundred dollars having been expended for the purpose.

A laboratory room has been set aside for the use of the department, supplied with lockers, tables, and the necessary apparatus, where the lectures are fully supplemented by demonstrations, at all of which the students assist, and many of which they perform for themselves, under the supervision of instructors.

The anatomy of the various body structures is set forth by means of dissections made before the class, and the functions demonstrated, both in a normal state and as affected by various drugs, severing of the nerve supplies, and electrical excitations.

Wherever possible, kymographic records are taken and preserved.

The students are required to observe a careful technique in the anæsthetizations and surgical features of the demonstrations.

In addition to the demonstrations, quizzes and recitations are given, for the purpose of emphasizing the points forth in the lectures and treating more fully of the mechanics of physiological processes. Further increases in the equipment are shortly to be made.

Pathological Laboratory.—The course in Pathology is a

combination of didactic lectures and laboratory demonstrations. A course in lectures on general pathology is given to the second year students during the first six weeks, followed by a course in special pathology, which extends through the remainder of the year. This is accompanied by laboratory work and demonstrations. The third year students are required to work in the laboratory two hours a week during both semesters, and each third year student is required to harden sections and stain specimens from an autopsy case, and to furnish a report of the clinical history, post-mortem, and pathological findings in the case.

Bacteriological Laboratory.—The required work in Bacteriology includes the preparation of culture media, cultivation and study of the more common non-pathogenic and pathogenic bacteria, and thorough drill in the technique of bacteriological methods.

An opportunity is also given for students to do more advanced work and to study material of their own choosing.

Laboratory of Practical Pharmacy.—The course in this laboratory includes the making of pharmacopœial preparations, the compounding of prescriptions, the study of physical properties of the important medicinal drugs, and chemical and pharmaceutical incompatibilities.

CLINICAL INSTRUCTION.

THE LINCOLN STREET DISPENSARY.

In this dispensary patients are treated daily throughout the year. Students are admitted in small classes for instruction. The cases are classified according to their diseases, and assigned to the respective college clinics.

College Clinics.—These are conducted weekly throughout the year, and are exclusively for the benefit of the students of this school. It is the aim to make these clinics especially valuable in systematically illustrating the didactic instruction. They are as follows:

Monday at 3 o'clock. — Dermatology — Professor Joseph Zeisler. The various stages, phases, and degrees of the more common, as well as many of the more rare, acute and chronic diseases of the skin, are abundantly illustrated during the term by Professor Zeisler. The clinics also include a full course on venereal diseases and syphilis.

Tuesday at 10 o'clock. — Diseases of Children — Professor Isaac Arthur Abt. In the Pediatric clinic, most of the chronic diseases of children are studied. Special attention is directed in this department to infantile therapeutics.

Tuesday at 3 o'clock. — Gynecology — Professor Marie J. Mergler.

Junior and senior students are admitted in groups on Tuesdays and Saturdays to the gynecological department of the Lincoln Street Dispensary, where they may witness the examination and progressive treatment of a large number of patients.

The classes are instructed by competent assistants in the various methods of physical examination, and microscopical demonstrations will be made in connection with these lessons and the clinical lectures in suitable cases.

Unusual opportunities are afforded in operative gynecology, as will be seen in referring to hospital facilities.

Tuesdays at 5 o'clock and Fridays 10 a.m.—Professor Root's obstetrical clinic. Senior and Junior students in groups, most convenient for instruction, will be taught to make the diagnosis of pregnancy in various stages of gestatation, exercises in pelvimetry, and exploration external for the diagnosis of position and presentation at full term, and practical work at the bedside of out-patients belonging to this clinic. Students will be expected to have not less than five cases before graduation.

Wednesday at 1 o'clock. — Orthopedic Surgery — Professor John Ridlon. This hour will be devoted to clinical instruction in orthopedic surgery, supplemented by didactic lectures and recitations. Special attention will be given to the diagnosis and mechanical treatment of chronic joint diseases,

chronic and progressive deformities, and congenital deformities.

Wednesday at 3 o'clock. — Surgery — Professor Christian Fenger. This clinic supplements the didactic teaching of the course, and aims to demonstrate the methods of surgical diagnosis, the administration of anæsthetics, the treatment of fractures, the modern treatment of wounds, and the technique of operations generally.

Wednesday at 3:30 o'clock.—General Diseases—Professor I. N. Danforth. In this clinic special attention is given to the methods of diagnosis in daily use at the bedside by the practitioner. Patients are examined before the class, and students are given frequent opportunities to make examinations under the Professor's direction. Special cases are assigned to the care of various members of the Senior class.

Friday at 2 o'clock.—Diseases of the Eye and Ear—Professor Frank Allport will give a clinic and lecture, and instruct students in the use of the instruments used in this special work.

Friday at 3 o'clock.—Diseases of the Nervous System—Professor Daniel R. Brower. In connection with this clinic, in which all the ordinary diseases of the nervous system are amply illustrated with respect to diagnosis and treatment, Professor Brower demonstrates the value of modern electro-therapeutics; and also makes free use of the stereopticon to elucidate the deeper and more minute pathological processes. The class is also taken, at intervals during the term, to institutions for the insane, to study the various phases of insanity and allied diseases.

Professor Van Hook, at his weekly clinics, gives especial attention to the diagnosis of surgical diseases as well as to operative technique. In his work at the Cook County Hospital, an especial effort will be made to have students of the Senior class make examinations and reach diagnoses for themselves. The pathological material obtained at the clinic will be studied by the class.

Saturday at 9 o'clock, First Semester.—The Throat and Nose—Professor W. E. Casselberry. This hour is devoted to

a lecture supplemented by clinical material in illustration. Students are made familiar with the laryngoscope and with the practical details of treatment, by individual practice in divided classes, in a collateral course.

Saturday from 2 to 4 o'clock.—Diseases of the Eye and Ear.—Professor Frank Allport will deliver a didactic lecture followed by a clinical lecture with practical demonstrations and operations on dispensary patients. The use of the ophthalmoscope and other instruments in ophthalmic and aural work will be demonstrated together with practical illustrations on the varied forms of refractive errors and how the same may be properly corrected by glasses.

The Eye and Ear Department in the dispensary is open every day from 2 to 3 o'clock, and is principally under the charge of Dr. Mary Hollister, instructor in ophthalmology and otology. Dr. Hollister will demonstrate eye and ear work in the dispensary, and will supplement such work during the term by lectures on the use of the ophthalmoscope, perimeter, etc., and upon errors of refraction and accommodation and the proper adjustment of glasses.

HOSPITALS AND OUT DEPARTMENTS.

The hospitals to which the students have access afford excellent facilities for clinical instruction.

Cook County Hospital is situated directly opposite the school. It is one of the largest and best equipped general hospitals in the country. It has medical, surgical, and obstetrical wards, and a clinical amphitheater with a seating capacity of six hundred. Clinical lectures are delivered each week, embracing Surgery, Practical Medicine, Gynecology, Ophthalmology, and Otology. Professors Fenger, Edwards, Brower, and Herrick are members of this staff, and the students of the school are admitted on the same conditions as those of other colleges.

Professor Bouffleur will give a clinic in General Surgery every Saturday from 9 to 11 A.M. Professor Edwards will give a clinic in General Medicine Tuesdays and Fridays, 8 to 10 A.M. Besides the two clinics in internal medicine, given by Professor Edwards, the classes are admitted to his medical ward and given individual bedside instruction by Dr. J. E. Young. Professor Herrick will give a

clinic in General Medicine Wednesday, 11 to 12. Professor Brower will give a clinic at 4 P.M. Fridays, in Nervous Diseases.

Among the advantages of this hospital are the opportunities for studying pathological anatomy, as well as the methods of making *post-mortem* examinations. Autopsies, with lectures and demonstrations are held every Wednesday at 8 o'clock A.M., by the Pathologist, Dr. Ludwig Hektoen, in the Necropsy Theater.

THE WOMAN'S HOSPITAL OF CHICAGO.—This hospital, which has recently been remodeled, is one of the most completely equipped gynecological hospitals in the country. Important operations are performed every week by members of the staff. A limited number of the graduating class are admitted on each operating day. Profs. Marie J. Mergler and Henry T. Byford are on the staff. Professor Mergler's Dispensary Clinic, connected with this hospital, affords additional advantages, especially during the summer months.

THE WESLEY HOSPITAL.—The Wesley Hospital has commenced work in temporary buildings, accommodating about thirty patients. Steps have already been taken looking to the erection of a hospital edifice containing not less than two hundred beds. The students of the Woman's School are invited in groups to all important operations. The following members of the Faculty are on the Medical Board: Prof. I. N. Danforth, Physician; Prof. T. J. Watkins and Prof. Bertha Van Hoosen, Gynecologists; Prof. Eliza H. Root, Obstetrician; Prof. Weller Van Hook, Surgeon; Prof. D. R. Brower, Neurologist; Prof. A. R. Edwards, Pathologist; Prof. W. E. Casselberry, Laryngologist.

ILLINOIS CHARITABLE EYE AND EAR INFIRMARY.—The institution is easily accessible, and affords the best advantages for studying Ophthalmology and Otology.

THE DETENTION HOSPITAL.—Professor Dewey will give clinics at the Detention Hospital for the Insane.

PRACTICAL OBSTETRICS.—For further practical bedside work, more than is afforded by the College Clinic, the obstetrical department of the Chicago Free Dispensary, in charge of Dr. Frances Horton Lee, will afford most excellent opportunity for the study of practical midwifery. Each student will be required to furnish the Professor of Obstetrics a clinical report on cases observed and taken in charge by the student. The work is required of Senior and Junior students only.

THE CHICAGO DISPENSARY, 4640 Ashland Ave., co-operates with Professor Mergler's clinic in operative gynecology, and Dr. Marie White will invite students during the summer to the Out Department of her clinic and demonstrate interesting cases and instruct in diagnosis and treatment.

THE MARY THOMPSON HOSPITAL FOR WOMEN AND CHILDREN is situated within easy access of the school, and affords excellent clinical facilities in gynecology, obstetrics, and pediatrics. Prof. Sarah Hackett Stevenson is a member of the staff.

CHICAGO MATERNITY HOSPITAL.—Further facilities for clinical study in Obstetrics may be had at the Chicago Maternity Hospital Prof. Stevenson, president, and Mary Blanche White, M.D., Medical Superintendent. Waiting cases will be available for practical lessons in diagnosis, and those wishing to attend cases of labor can do so by applying to the superintendent.

REQUIREMENTS FOR GRADUATION.

To be admitted to the degree of Doctor of Medicine, a student must be twenty-one years of age, possess a good moral character, have studied medicine four full years, either under the direction of the Faculty, or a regular physician as a preceptor, and have attended at least four full courses of lectures in a recognized medical school, the last of which must have been in this institution.

To receive credit for any term of lectures, the student must have paid all fees and have complied with all the requirements of the college; she must have attended at least 80 per cent of the lectures of that course, and at least four months must intervene between any two courses.

The student must have taken the required courses in Practical Anatomy and have dissected each of the usual divisions of the subject at least once under the supervision of some competent instructor. She must have taken one complete course in Practical Chemistry, one course in the Histological Laboratory, one in the Pathological Laboratory, one course in the Bacteriological Laboratory, one in the Laboratory of Practical Pharmacy, one course in Clinical Pathology, which includes microscopical examination of blood, sputum and urine. (Instruction is also given in the various methods of estimating hemoglobin and counting corpuscles), and two courses in Hospital Clinical Instruction. Every candidate must undergo a full and satisfactory written or oral examination on each branch included in this curriculum.

NOTE.—The student must notify the Secretary of the Faculty of her intention of becoming a candidate, pay all dues, and deposit the examination fee with the Representative of the Business Agent of the University on or before April 15th.

HOSPITAL APPOINTMENTS.

Positions as internes or resident physicians in various hospitals are open to the graduates of the Woman's Medical School. These internes are selected by competitive examinations, or are appointed on account of high standing, and serve without pay for a term of from twelve to eighteen months. Members of the graduating class are eligible to examination and appointment in the Cook County Hospital, in which there are twelve vacancies annually. They are also eligible to appointment in the Illinois Eye and Ear Infirmary, which elects two or more internes and two or more externes annually. The Mary Thompson Hospital for Women and Children appoints three internes annually, and three alternates; the Woman's Hospital of Chicago, two internes and two alternates; the Wesley Hospital of Chicago, one interne and one alternate; the Temperance Hospital of Chicago, one interne; the Benedictine Home, Des Moines, Iowa, and the New England Hospital for Women and Children, Boston, generally one from the graduating class; Industrial School for Girls, Mitchellville, Ia.; Woman's Hospital, Detroit, Mich.

SCHOLARSHIPS.

The following scholarships have been founded in connection with this school:

No. 1. *The Grace Chandler Scholarship.*—The Woman's Presbyterian Board of Missions of the Northwest has established a perpetual scholarship for the education of medical missionaries. The money for this purpose was given by Mrs. Chandler, of Detroit, Michigan. Beneficiaries must be under the care of above Board, and must comply with all the rules and regulations of the school, except the payment of fees.

NOTE.—Further information will be furnished on application to the Medical Committee of the Board, Room 48, McCormick Block.

Nos. 2–3. *The Emily W. N. Scofield Scholarships.*—The Northwestern Branch of the Woman's Foreign Missionary Society of the Methodist Episcopal Church has established

two perpetual scholarships for the education of medical missionaries. The money for this purpose was bequeathed by the late Mrs. Scofield, of Elgin, Illinois. Beneficiaries must be under the care of the Woman's Foreign Missionary Society of the Methodist Episcopal Church, and must comply with all the rules and regulations of the school, except the payment of fees.

For further information apply to Mrs. H. G. Jackson, 4524 Lake Avenue.

No. 4. *The Woman's Board of Missions of the Interior* (of the Congregational Church) has also established a scholarship in this school for the education of medical missionaries. The money for this purpose was also bequeathed by Mrs. Scofield. The rules above stated also apply to this scholarship.

For further information, apply to Miss Wingate, 59 Dearborn Street, Chicago.

No. 5. *The Woman's Presbyterian Board of Missions of the Southwest* has recently established a scholarship. The preceding rules govern students under this scholarship.

NOTE.—For information, address Medical Committee, 1107 Olive Street, St. Louis, Mo.

No. 6. *The Elizabeth Skelton-Danforth Memorial Scholarship.*

Founded by Prof. I. N. Danforth in memory of his deceased wife, and by him presented to the Woman's Foreign Missionary Society of the Methodist Episcopal Church, whereof the late Mrs. Danforth was a charter member and long connected with its officiary. It is intended as a fitting memorial of her devoted and efficient service in the medical education of women as a preparation for appointment to foreign mission fields. While it is designed primarily for medical students who are preparing for foreign missionary work, the Woman's Foreign Missionary Society may, in default of missionary students, assign other applicants as beneficiaries. Students occupying this scholarship must comply with all the rules and regulations of the school, except those relating to the payment of fees. For further information, apply to Mrs. H. G. Jackson, 4524 Lake Avenue, Kenwood, Chicago.

No. 7. *The Lucy S. Ingals Prize Scholarship.*—This scholar-

ship has been recently founded by Prof. E. Fletcher Ingals, for the purpose of encouraging original work in Medical Science and to promote higher medical education. It is conferred only upon students possessing the degree of Bachelor of Science or Bachelor of Arts, or a degree of equal rank, from some first-class college or university. It is conferred as a prize for excellent original work done in some branch pertaining to the Science of Medicine, providing that if the theses submitted, embodying the results of such original work, do not in the opinion of the Faculty merit a prize, then this scholarship may be conferred as two half-scholarships to a member of the second year and to a member of the third year class respectively, holding similar degrees, who shall attain the highest average in their medical studies for that year. Beneficiaries of this scholarship are entitled to all the privileges of the school accorded other students of similar stage of advancement, free of charge for the full scholarship, and for half the usual fees in case of half-scholarships.

EXPENSES.

Fees are payable *in advance*, and cannnot be refunded or transferred to another term. Fees for the year ending June, 1899, are as follows:

Matriculation Fee.—Each student is required to pay at the time of first registration a matriculation fee of *five dollars.*

Annual Fee.—A fee of *seventy-five dollars* is required annually, which entitles the student to admission to all the lectures and clinics of the school. This fee must be paid before any of the tickets for practical work can be taken out.

Final Examination Fee.—A final examination fee of *thirty dollars* is required, and is not refunded, even though the student should fail to pass the final examination; but such student will be granted the privilege of an examination at the close of the next term without further charge, provided payment has been previously made for three full courses. First, second, and third year students taking final examinations in any subject at the close of their respective years, are required to advance one-third of the examination fee.

Material for dissection.—A charge of *ten dollars*, which covers all the expense for practical anatomy, including the material used in dissection, is made for each course.

Laboratory Expenses for each of the required Laboratory Courses.—A charge of *ten dollars* is made, which covers the expense for material used in the chemical laboratory; a charge of *five dollars* is made for material used in the histological laboratory, and a like charge is made for the use of material and apparatus in the pathological, bacteriological, and pharmaceutical laboratories.

Hospital Fees.—Tickets of admission to the County Hospital, and to the Eye and Ear Infirmary, good for one year, can be obtained at the institutions named, for *five dollars* each.

Graduates of recognized medical schools, in good standing, are admitted on payment of the matriculation fee; they must pay the usual fees for any special courses they may take, and if they apply for graduation, the final examination fee.

Special students, not in attendance upon the regular course, are required to matriculate (*five dollars*) and take out a ticket (*fifteen dollars*) for each branch they may select; and if at any time they desire to pursue the full course, with a view of taking the degree, the fees already paid, excepting the matriculation fees, will be credited on the general ticket.

Students will register and pay their fees to the Clerk, who will be at the School during business hours, and will give the Treasurer's receipt for the money. This receipt must be presented the Secretary of the Faculty, who will issue all tickets of the course.

ASSIGNMENT OF SEATS.

Students, after advancing *ten dollars* on the annual fee, are allowed to select seats in the lecture-rooms before the beginning of the term. Applications for seats should be made to the College Clerk.

For further information in regard to the Woman's Medical School, address Prof. John Ridlon, M.D., Secretary, 103 State St., Chicago, Illinois.

THE SCHOOL OF MUSIC.

MUSIC HALL, EVANSTON.

FACULTY.

HENRY WADE ROGERS, LL.D., PRESIDENT.

PETER CHRISTIAN LUTKIN, A.G.O., *Dean, Professor of Theory, Piano and Organ.*

KARLETON HACKETT, *Instructor of Voice Culture.*

SARAH ELIZABETH COE, *Instructor of Piano and Musical History.*

HAROLD EVERARD KNAPP, *Instructor of Violin.*

WILLIAM HENRY KNAPP, *Instructor of Voice Culture.*

HUBBARD WILLIAM HARRIS, *Instructor of Piano and Theory.*

WALTER KELLER, *Instructor of Piano.*

UNA HOWELL, *Instructor of Piano.*

WALTER GEORGE LOGAN, *Instructor of Violin.*

FRANZ WAGNER, *Instructor of Violoncello.*

WILLIAM ZEPHANIAH COLE, *Instructor of Flute.*

CHARLES JOSEPH KING, *Instructor of Clarinet, Oboe, and Bassoon.*

JOHN QUINN, *Instructor of Cornet and French Horn.*

The School of Music was established in 1895. It continues on a larger scale the work of what was formerly known as the Department of Music.

The School offers extensive courses in the practical and theoretical study of music, and is designed to fit students for the profession as composers, theorists, artists, teachers, or critics. It also makes provision for the study of music as a part of general culture or as an accomplishment.

The School now occupies its new quarters, immediately to the north of Woman's Hall, near to the University Campus. This building was erected during the year 1897 for the especial needs of the music department, and is known as *Music Hall.* It is substantially built of stone and brick, surmounted with a tile roofing and finished in Georgia pine.

The first floor contains the Dean's Office, the Business Office, Theory Class-room, besides teaching and practice rooms. Additional classrooms are found on the second floor, together with a well-arranged concert-hall, seating three hundred and fifty. The Hall is provided with a large stage, dressing-rooms, a grand piano, a two-manual pipe-organ with pedals, and is seated with opera-chairs. The practice-rooms are especially pleasant, being well lighted and heated.

ADVANTAGES.

The advantages of music study in Evanston may be briefly summarized as follows:

Within the School—

1. A superior corps of Instructors, presenting the most approved European methods, combined with the best ideas of American educators.

2. A choral society of select voices, affording efficient drill in part-singing, and giving students the opportunity of familiarizing themselves with the standard oratorios, either as listeners or singers.

3. A student orchestra, capable of giving the easier scores of the great masters with approximate completeness, and of playing concertos and oratorio arias with advanced students. Of particular disciplinary value to those studying stringed or wind instruments.

4. Improved and practical methods in teaching harmony, counterpoint, and musical form. The time devoted to these subjects is nearly double the amount ordinarily given in music schools. This is made possible by the fact that the students live in or near the School, while in large cities the students are dispersed over a great area, making frequent recitations an impossibility.

5. Monthly Chamber Music Recitals by members of the Faculty, presenting the best works of classical and modern masters.

6. In church music the opportunity of becoming familiar with the discipline and routine of one of the best chorus choirs.

7. Numerous recitals, concerts, lectures, etc., free to students.

Without the School—

1. The opportunity of taking one or more studies in any other department of the University at small expense.

2. Healthful and helpful surroundings to the physical, mental, and spiritual life.

3. Residence in a prohibition district, the charter of the University prohibiting the sale of intoxicating beverages within four miles of the seat of the University. This law is enforced and as a result the community is unusually free from immoral influences.

4. Freedom from the turmoil, distractions and temptations of a commercial city.

5. Accessibility to the artistic attractions found only in large centers of population.

REQUIREMENTS FOR ADMISSION.

The work of the School is divided into two parts,—the Theoretical School and the Practical School. The former is intended for theorists and composers, and the requirements are a knowledge of the rudiments of music in regard to notation and rhythm, a reasonable familiarity with all major and minor keys, and the ability to play hymn-tunes on the piano or organ. The work is arranged in year courses and cannot be entered during the year unless the applicant for admission can pass an examination on the work already covered.

The Practical School includes the study of the piano, organ, voice, violin, or other orchestral instrument, and in connection therewith certain courses in the Theoretical School as hereinafter stated. Moderate attainments, representing on an average one year's systematic training in singing, or two to three years' systematic training in instrumental music, are required to enter the Practical School. This preparation, when needed, is supplied in the most thorough and direct manner in the School of Music itself.

The School also provides instruction for those not desiring to enter the regular courses, from the elementary to the advanced stages, in which case no examinations or special requirements are necessary. Students may enter at any time for one term or the unexpired portion of a term.

COURSES.

The *Theoretical School* offers two courses as follows:

I. Normal or Teacher's Course.

II. Advanced Course, leading to a degree.

The Normal Course includes Harmony, Counterpoint up to five parts, Musical Form and Musical History, and requires at least two years to complete. The Advanced Course includes double and triple counterpoint, canon, fugue, acoustics, composition and orchestration. This course requires special aptitude and talent for musical composition and follows Course I. These theoretical courses are open to the students of the College of Liberal Arts without extra fee. The scheme of studies and the credits are elsewhere stated. (See p. 113.)* The candidate for a degree, in addition to completing the courses of study, is required to compose a work for chorus and orchestra of some length, introducing examples of five-part writing and contrapuntal treatment of the voices, and to prove his knowledge of English Literature, Mathematics and his choice of Greek, Latin, German, or French.

The *Practical School* also offers two courses, viz.:

I. Normal or Teacher's Course.

II. Artist's Course.

The Normal Course is designed especially for those intending to prepare themselves for teaching. It includes Course I of the Theoretical School and requires sufficient proficiency in playing or singing, to creditably perform a programme containing standard examples of classical and modern compositions. It furthermore demands comprehensive technical

*In addition to the courses described on p. 113, courses in Musical History are offered in the School of Music, by Mrs. Coe. These come on Tuesdays and Thursdays at 3 o'clock.

knowledge of the particular branch chosen, and a thorough familiarity with teaching methods.

The Artist's Course requires talent of an exceptional order and assiduous application, as the work is designed to fit the candidate for the concert stage. Exacting technical routine, application of the finer principles of musical expression, study of the great masterpieces, and advanced theoretical work are among the requirements. The course will take at least two years after completing the Normal Course.

DIPLOMAS AND CERTIFICATES.

Diplomas will be given to students completing Course II in either the Theoretical or the Practical School. The fee for a diploma is eight dollars.

Certificates will be given to students completing Course I in the Practical School. Upon a vote of the Faculty, a certificate may be given for Course I in the Theoretical School alone in cases of special ability. The fee for a certificate is five dollars.

EXPENSES.

A matriculation fee of five dollars is charged all students entering the Certificate or Diploma Courses. It is paid but once. This fee is not charged to students who have registered at the College of Liberal Arts, or music students who take no theoretical work.

The tuition fee depends on the amount and character of the work taken as indicated in the following schedule:

NOTE.—The school year is divided into two semesters of eighteen weeks each. Each semester is divided into two terms, making four terms of nine weeks each in the year.

PIANO.

(Two half-hour private lessons per week.)

	Per Term of 9 Weeks.
Prof. P. C. Lutkin,	$36 00
Mrs. S. E. Coe,	27 00
Mr. H. W. Harris,	22 50
Mr. Walter Keller,	18 00
Miss Una Howell,	18 00

SINGING.

(Two half-hour private lessons per week.)

Mr. Karleton Hackett,	$45 00
Mr. W. H. Knapp,	22 50

ORGAN.

(One-half hour private lesson per week.)

Prof. Lutkin,	$20 00
Mr. H. W. Harris,	13 00

VIOLIN.

(Two half-hour lessons per week.)

Mr. H. E. Knapp,	$22 50
Mr. W. G. Logan,	18 00

VIOLONCELLO.

(Two half-hour lessons per week.)

Mr. Franz Wagner,	$27 00

ORCHESTRAL AND BAND INSTRUMENTS.

Two half-hour lessons per week,	$18 00
One half-hour lesson per week,	10 00

THEORETICAL COURSES.

To students in Practical School,	$ 5 00
To students in Theoretical School only,	10 00
Two half-hour private lessons per week,	$13 50 to 36 00
One half-hour private lesson per week,	7 50 to 20 00

PRACTICE ROOM WITH USE OF PIANO.

Each hour daily practice per term,	$2 50

ORGAN PRACTICE.

Each hour of daily practice, including blowing, per term,	$10 00
Pedal piano,	5 00

NOTE.—Arrangements may be made for one lesson per week, in which case the charge will be one-half of the amount charged for two lessons per week, plus ten per cent.

A discount of twenty-five per cent is allowed to the immediate members of a minister's family. The Dean reserves the right to substitute for the two half-hour private lessons, one three-quarter hour lesson with him and one half-hour with an assistant.

The Mason and Hamlin Pianos have been selected, both for practice and concert use, on account of their general superiority, and especially for their capacity to stand in tune, owing to their improved system of stringing.

Tuition is payable *strictly in advance* at the University office, 518 Davis Street. Checks may be drawn payable to Dr. Robert D. Sheppard, Treasurer and Business Agent of the University.

Lessons falling upon legal holidays, or missed through fault of student, are only made up at convenience of instructor. No deductions will be made to pupils for absence from lessons. In cases of protracted illness, when due notice is given, the lessons missed will be transferred to a subsequent term or the loss divided with the student.

For further information and special circular relating to the School of Music, address Prof. P. C. Lutkin, Dean, Evanston, Ill.

SCHOOLS OF THEOLOGY.

FACULTY OF GARRETT.

Rev. Charles Joseph Little, D.D., LL.D., *President, and Professor of Historical Theology.*

Rev. Charles Frederick Bradley, D.D., *Professor of New Testament Exegesis.*

Rev. Milton Spencer Terry, D.D., LL.D., *Professor of Christian Doctrine.*

Rev. Charles Horswell, B.D., Ph.D., *Professor of the Hebrew Language and Literature.*

Rev. Solon Cary Bronson, D.D., *Professor of Practical Theology.*

Rev. Charles Macaulay Stuart, D.D., *Professor of Sacred Rhetoric.*

Rev. Doremus Almy Hayes, S.T.B., Ph.D., *Professor of the English Bible.*

Robert McLean Cumnock, A.M., *Professor of Rhetoric and Elocution.*

William Caldwell, Sc.D., *Lecturer on Social Philosophy.*

Joseph Wesley Zaring, B.D., *Instructor in Greek, and Assistant Librarian.*

The Garrett Biblical Institute has been in operation since 1856. It is open to all young men from any evangelical church who are proper persons to study in preparation for the Christian Ministry. It was established especially as a seminary where young men of this class from the Methodist Episcopal Church might be educated. It is supported by income from property in the city of Chicago, bequeathed in 1853, as a perpetual foundation, by Mrs. Eliza Garrett. It invites to its care and instruction young men in the Church whom God has called to be His ministers.

REQUIREMENTS FOR ADMISSION.

Students not licensed to preach are received on the recommendation of their respective quarterly conferences, or temporarily, in failure of this, on a note from their pastor, prom-

ising the recommendation in due time. The form of recommendation authorized by the General Conference of the Methodist Episcopal Church is as follows:

"We, the members of the Quarterly Conference of----------
----------hereby express our judgment that----------is called of God to the work of the ministry, and we recommend him to the care and instruction of the Garrett Biblical Institute."

Applicants from other churches will need to bring such certificates as are usually given by the denominations to which they belong. Students from other Theological Seminaries may be admitted *ad eundem* on presenting satisfactory testimonials of equivalent work and honorable dismission.

INSTRUCTION.

Those who enter the courses of instruction should have a thorough preparation. The College of Liberal Arts offers its advantages to those who require this preparation.

The aim is to embrace all departments of Theological Encyclopedia, as indicated in the following scheme:

A. EXEGETICAL THEOLOGY.

1. *Biblical Philology*—Hebrew and Greek Languages, and their cognates.

2. *Biblical Introduction*—Canonics, Criticism (Higher and Lower), Sacred Literature.

3. *Biblical Archæology*—Chronology, Ethnology, Geography, Antiquities.

4. *Hermeneutics*—(1) *General:* Study of Words, Grammatical Forms, Styles, etc. (2) *Special:* Study of Figurative Language, Parables, Allegories, Types, Symbols, Prophecy, Apocalyptics.

5. *Exegesis*—Critical and expository study of the several books of the Bible.

6. *Biblical Theology*—Development of Biblical Doctrine as distinct from Historical and Systematic Theology.

B. HISTORICAL THEOLOGY.

1. *Sources*—Canonical and Apocryphal books of the Bible, Pseudepigraphal books, sacred books of all nations, Archæological Monuments, Patristics, Symbolics, Liturgics, and Hymnology.

2. *External Development of the Kingdom of God*—Pre-Christian

History of Israel and the Nations. Patriarchal period, Mosaic, Priestly, Regal, and Prophetic development, and Post-exilian Judaism, life and work of Christ, the Apostolic Age, and ancient, mediæval, and modern periods of the Christian Church.

3. *Internal Development*—Religious life and thought of the Church, progress of the same through the centuries, History of Doctrines, Comparative Religion and Theology, and Sociology.

C. SYSTEMATIC THEOLOGY.

1. *Metaphysics*—Psychology, Ontology.

2. *Apologetics*—Evidences and Defenses of Revelation.

3. *Dogmatics*—Doctrine of God and Christology, Anthropology, Soteriology, Eschatology.

4. *Polemics*—The great issue of Theological Controversy.

5. *Irenics*—Methods of Conciliating Theological Differences.

6. *Ethics*—Theoretical, Practical.

D. PRACTICAL THEOLOGY.

1. *The Ministry as an Institution*—Its Call, Functions, Qualifications, Preparation, Maintenance, Perils, Safeguards.

2. *Homiletics*—History, Science and Art of Preaching, Praxis, Homiletical Study of Great Preachers.

3. *Liturgics*—Forms of Worship, Conduct of Services, Administration of the Sacraments.

4. *Ecclesiastical Polity and Law*—Forms of Church Government, Judicial Administration, Discipline.

5. *Pastoral Theology*—(1) *Catechetics:* Training of Children and Probationers, Educational Functions of the Church, Sunday-schools, etc. (2) *Poimenics:* Pastoral Care, Shepherding the Flock, Details of the Pastoral Office. (3) *Church Activities:* Adaptation of the Machinery of the Church to Existing Needs, Benevolent Work and Social Life of the Church, Employment of Lay Agencies, Study of Other Religious Institutions in Their Relations to Our Own.

6. *Halieutics*—Evangelistic Methods, The Work of extending the Kingdom within the Christian Community, Missions—Domestic and Foreign.

COURSES OF STUDY.

Two courses of study are offered, as shown in the schedule below:

I. DEGREE COURSES.

There are two Degree Courses: one leading to the degree of B.D., the other to the degree of Ph.D.

1. *The B.D. Course.*—This is a three years' course ar-

ranged for classical graduates of approved colleges. Applicants, upon registration, are required to present their diplomas. Students, not graduates of colleges, may be admitted to this course, if, by examination not later than the close of the first term, they satisfy the Faculty of their classical and literary fitness to complete it. The degree of Bachelor of Divinity is conferred upon all who complete the course to the satisfaction of the Faculty.

2. *The Ph.D. Course.*—By an arrangement with the College of Liberal Arts of this University, the Institute is now able to offer to college graduates a resident course of study leading to the Degree of Doctor of Philosophy. Students are admitted to this course upon terms stated on p. 137.

Of the four years required as a *minimum* for the degree of Ph.D., three at least must be spent in residence at a theological school of high standing, and the last two at Garrett Biblical Institute.

II. DIPLOMA COURSES.

1. *The Greek and Hebrew Course.*—This course is intended for those who desire to read and understand the Scriptures in the original, and yet are not prepared to do the work of the Degree Course. Greek is taught during three years, beginning with the elements. Hebrew is taught during the second and third year, beginning with the elements. The Greek class in exegesis read the Synoptic Gospels and the Acts in the Senior year. The Hebrew class read the poetical books of the Old Testament. In the other departments the work of this course is nearly the same as that of the Degree students.

2. *The Greek English Course.*—In this course English exegesis is substituted for Hebrew. It is in other respects the same as the Greek and Hebrew Course.

3. *The English Course.*—In this course training in the English Language, in Rhetoric, Logic, and Psychology takes the place of the study of elementary Greek and Hebrew, and English exegesis of the Scriptures is given instead of the study of the poetical books in Hebrew and of the Synoptic Gospels

and Acts in Greek. The characteristic work of this course is in charge of Professors Stuart and Hayes, who have been selected by the trustees as men exceptionally fitted for the task. In the departments of Systematic, Historical, and Practical Theology, Elocution, and Sociology, the studies of the English Course are the same as in other diploma courses.

Students who complete either of these courses receive the diploma of the Institute. Three years are required for any one of them. Applicants for admission must present certificates from approved high schools or academies, otherwise they must pass a satisfactory examination in the studies prescribed by the Bishops for those who seek admission to an annual conference. [See Discipline, 1896, page 369.]

College Graduates enjoy here exceptional advantages. In several departments, conspicuously in the Exegetical and Historical, they are formed into separate classes. They are encouraged and helped to special investigation, and receive from their professors continued personal attention in their chosen line of study. They have access, also, by the courtesy of the University, to any classes of the College of Liberal Arts for which they have time and aptitude.

Diploma Students are accorded the largest privilege of election. They may devote their energies to the studies for which they are best adapted, assured that in either of the three Diploma Courses they will receive thorough instruction, be held firmly to high standards, and be trained carefully for the work of the ministry.

METHOD OF INSTRUCTION.

The method of instruction is by recitation and lectures and free discussion. Members of the Senior class are required to preach in turn before the Faculty and students of the Institute.

Great emphasis is laid upon instruction in elocution. Hence a course of training extending through three years is required of those who graduate. It is confidently proposed

that every student who completes this work shall acquire a correct, forcible, and graceful elocution.

In addition to the instruction by recitation, lectures, and free discussions in the classrooms, public lectures and addresses by distinguished persons are also given before the Faculty and students, covering all the topics which relate to the work of Christian scholars and pastors.

LIBRARIES.

The number of volumes in the Institute and University Libraries—the one for daily working use and the other for free reference—is about fifty thousand.

Reading-rooms are connected with both, and supplied with the important dailies, weeklies, monthlies, and quarterlies in general and theological literature.

LITERARY SOCIETIES.

The Literary Department of the Institute Christian Association aims to stimulate theological and literary studies by exercises in composition, criticism, and extemporaneous speaking.

The Missionary Department of the Institute Christian Association seeks, by its weekly meetings and by occasional public meetings and lectures by returned missionaries and others, to promote information on Home and Foreign Missions, and to keep alive the missionary spirit among the students.

BUILDINGS.

Heck Hall.—The rooms in Heck Hall are in suites, consisting of study, bed-room, and wardrobe, and are furnished with tables, book-cases, bureaus, stands, chairs, bedsteads, and mattresses. Students supply their own pillows, pillow-cases, sheets, bed-coverings, towels, crockery, and small articles.

Memorial Hall.—The Memorial Hall contains a large chapel, library, and reading-room, six lecture-rooms, with private rooms for professors, and a fire-proof vault for valuable books and papers. Both halls are heated by steam.

FINANCIAL AID.

Young men who have learned to earn and save money often work their way unaided through college and the theological school. The means of self-help in and around Evanston are but casual; yet a truly earnest and persevering student, with tact and helpfulness, many times finds, and even creates, opportunities for himself. To these help is rendered as far as practicable. Some sixty or seventy appointments have been made available to competent preachers among the students. Circumstances require that promises of aid be made with caution, and to the extent only of the ability to meet them. The institution covets consecrated young men who never quail in the presence of difficulties, and in every practical and useful way its aim is to aid them. The Board of Education of the Methodist Episcopal Church, located at New York, renders very efficient help by its judicious system of loans.

The Sarah Stewart Fund, yielding four hundred dollars a year, is for the benefit of approved candidates for missionary fields.

EXPENSES.

Tuition and room-rent are free of charge to regularly entered theological students. When occupying a room in Heck Hall, each student is charged an incidental fee of twenty dollars, payable half-yearly in advance, for curator's service, fuel for public rooms, and general repairs. When not occupants of Heck Hall, students pay (half-yearly in advance) a fee of five dollars a year.

NOTE.—Rooms in Heck Hall not occupied by regularly entered theological students can be used (subject to rules for conduct and residence) by students recommended for the ministry, who are connected with any of the departments of the University, and who intend to take the theological course in this institution, on condition that each occupant of a room pay thirty dollars a year, half-yearly in advance.

NORWEGIAN-DANISH DEPARTMENT.

A close relation has been established between Garrett Biblical Institute and the Norwegian-Danish Theological School, located at Evanston, under the principalship of the Rev. Nels E. Simonsen, A.M., D.D. By this arrangement the students of the Norwegian-Danish Department may take the entire course of study of the Institute, substituting instruction in one or more branches in their own tongue under Principal Simonsen. Upon the satisfactory completion of the course thus pursued, they will be graduated from the Institute. This department is established to prepare men for the ministry among the Norwegian and Danish people, and offers its students an opportunity to pursue their theological studies in the English, and Norwegian and Danish languages. The course of study extends through three years. Oral and written examinations are held at the close of each year, and those who complete the entire course in the Norwegian-Danish language are granted a certificate. Students are received on the recommendation of their respective conferences. A commodious and substantial building, containing dormitories and a dining-hall, has been erected by the Norwegian and Danish people for the use of students of this department.

SWEDISH THEOLOGICAL SEMINARY.

REV. ALBERT ERICSON, A.M., *President.*

This school of theology began its work in 1870 at Galesburg, Ill. In 1882 it attained a permanent home in Evanston, Ill., where it is now established in a commodious building, and where facilities exist for obtaining access to the different departments of the University. It is under the supervision of the three Swedish Conferences in the Northwest.

It is the only school of its kind in the Methodist Episcopal Church, and from its ranks of students preachers are sent out to nearly every State in the Union. More than one hundred ministers have been educated in the school since its

beginning, and are laboring faithfully in different parts of the country.

The aim of this school is to do practical work in helping men toward success in the ministry. It was called into existence to meet the urgent and increasing demands for educated pastors and missionaries among the Swedish population in the United States, which numbers more than a million souls. Its course of study is broad and practical; its ideals are high; its work is thorough; its methods are systematic, clear, and simple.

The Seminary is supported by the income from an educational fund, collected mainly among the Swedish Methodist churches in the Northwest.

The regular course of study in the seminary requires four years. The students' progress in their studies is determined by examination, both written and oral; and after a satisfactory completion of the full course they receive the Seminary diploma. There is no charge for tuition.

Students are received on the recommendation of their respective Quarterly Conferences.

For further information and special circular relating to the Garrett Biblical Institute, address Charles J. Little, D.D., LL.D., Evanston, Ill.

Those desiring information respecting the Norwegian-Danish Department should address Rev. Nels E. Simonsen, D.D., Evanston, Ill.

Those desiring information respecting the Swedish Theological Seminary should address Rev. Albert Ericson, A.M., Evanston, Ill.

CATALOGUE OF STUDENTS

FOR

THE YEAR 1898–9.

COLLEGE OF LIBERAL ARTS.

FELLOWS.

Gloss, Samuel Debenham, *Chemistry*, *Evanston.*
B.S., Northwestern University, 1897.

Hill, Charles, *Zoölogy*, *Seattle, Wash.*
B.S., University of Michigan, 1891; M.S., University of Michigan, 1892.

CANDIDATES FOR ADVANCED DEGREES, AND OTHER RESIDENT GRADUATES.

Aderhold, Thomas Maze, *Pathology*, *Valley Falls, Kan.*
B.S., Washburn College, 1896.

Atchison, Hugh Dowling, *History*, *Wilmette.*
A.B., Northwestern University, 1887; B.D., Garrett Biblical Institute, 1890.

Burling, Alice Josephine, *English Language*, *Postville, Ia.*
Ph.B., Upper Iowa University, 1897.

Caraway, Ann Estelle, *German*, *Tuscola.*
Ph.B., Northwestern University, 1898.

Chambers, John Milton, *English Literature*, *Cargill, Ont.*
A.B., Northwestern University, 1896.

Culbertson, Carey, *Pathology*, *Piper City.*
A.B., Northwestern University, 1895; M.D., Northwestern University, 1898.

De Bra, Harvey Rufus, *Social Philosophy*, *Evanston.*
A.B., Northwestern University, 1898.

Folsom, Arthur James, *History*, *Dunville, Ont.*
Ph.B., Cornell College, 1898.

Foote, Ethelwyn Foote, *Zoölogy*, *Pasadena, Cal.*
A.B., Smith College, 1897.

Gates, Jesse Nevin, *Mathematics*, *Lena.*
A.B., Northwestern University, 1897.

Grant, Clara, *German*, *Winona, Minn.*
Ph.B., Northwestern University, 1896.

Hoyt, Elizabeth Marvin, *History*, *Fayette, Ia.*
B.S., Upper Iowa University.

Jones, Walter Clinton, *Zoölogy*, *Evanston.*
A.B., Northwestern University, 1898.

Kurtz, Charles J., *Bacteriology*, *Genesee, Mich.*
A.B., Kalamazoo College, 1894.

Lane, Frank Hardy, *English Literature*, *Evanston.*
Ph.B., Northwestern University, 1895.
Linquist, Theodore, *Mathematics*, *Chicago.*
A.B., Lombard University, 1897.
Lymer, John Charles, *Mathematics*, *College Springs, Ia.*
A.B., Amity College, 1898.
McHarg, Mary King, *French*, *Chicago.*
Ph.B., Northwestern University, 1897.
McNeill, Iles, *Pathology*, *Chicago.*
Ph.B., Northwestern University, 1896.
Mitchell, Francis Joseph Ross, *Law*, *Evanston.*
A.B., Northwestern University, 1896.
Neiglick, Anna, *Zoölogy*, *Chicago.*
B.S., Northwestern University, 1895; M.S., Northwestern University, 1896.
Okey, Ida Jane, *English Literature*, *Corning, Ia.*
Ph.B., Northwestern University, 1894.
Robinson, Clarence Hall, *Zoölogy*, *Piqua, O.*
A.B., Northwestern University, 1895.
Ross, Isabella, *English Language*, *Lake Bluff.*
Ph.B., Northwestern University, 1883.
Sargent, Carla Fern, *History*, *Chicago.*
A.B., Northwestern University, 1895.
Sawyer, Jessie Salanda, *German*, *Evanston.*
Ph.B., Northwestern University, 1897.
Serl, Elmer Willis, *Philosophy*, *Delavan, Wis.*
B.L., University of Wisconsin, 1897.
Swezey, Otto Herman, *Zoölogy*, *Rockford.*
A.B., Lake Forest University, 1896; M.S., Northwestern University, 1897.
Tralor, Lucy Lowe, *English Literatnre*, *Pasadena, Cal.*
A.B., Leland Stanford, Jr., University, 1898.
Wilson, Jackson Stitt, *Sociology*, *Evanston.*
A.B., Northwestern University, 1897.
Winslow, Charles Spaulding, *Greek and Latin*, *Light House, Ills.*
A.B., Northwestern University, 1898.
Zaring, Joseph Wesley, *Hebrew*, *Evanston.*
B.S., Whitman College, 1893; B.D., Garrett Biblical Institute, 1897.

NON-RESIDENT GRADUATES.

Aylesworth, William Wild, *History*, *Kinderhook, Mich.*
A.B., Northwestern University, 1894.
Demorest, Frederick Coe, *English Literature*, *Onarga.*
A.B., Northwestern University, 1890.
Monk, Alice Maude, *Social Philosophy*, *Chicago.*
Ph.B., Northwestern University, 1898.
White, Ann Louise, *English Language*, *Plattsmouth, Neb.*
B.L., Northwestern University, 1898.

CANDIDATES FOR A BACHELOR'S DEGREE.

Adams, Paul Milford,	A.B.	108	*New Milford.*
Allen, Elsie Dodd,	B.S.	61	*Gilman.*
Anderson, Bertha,	B.L.	106	*Sheldon.*
Anderson, Jennie Matilda,	Ph.B.	21	*Evanston.*
Anderson, Jens,	Ph.B.	120	*Harpster.*
Arnold, Laura Eleanor,	Ph.B.	73	*Peotone.*
Baird, Malcolm Heston,	B.A.	6	*Evanston.*
Baker, Adaline Maitland,	B.L.	16	*Evanston.*
Baker, Bessie,	B.S.	75	*Carthage, Mo.*
Baker, Helen Mary,	B.S.	45	*Manhattan.*
Baker, Horace Singer,	B.S.	59	*Evanston.*
Bangs, Hal Crumpton,	A.B.	41	*Chatsworth.*
Barker, Mira Katherine,	Ph.B.	15	*Evanston.*
Barnes, Agnes,	Ph.B.		*Warren.*
Barnlund, August William,	Ph.B.	43	*Donovan.*
Barnum, Frank Wilson,	A.B.	98	*Lake Bluff.*
Bartelme, Grace Jeannette,	A.B.	49	*Austin.*
Bates, Ethel May,	B.L.	81	*Evanston.*
Bayne, Frank Holcombe,	B.S.	64	*Warren.*
Bazzett, Edward Hamilton,	Ph.B.		*Chicago.*
Beernink, Andrew,	Ph.B.	108	*Milwaukee, Wis.*
Behannesey, Phares Anton,	A.B.		*Zahleh, Syria.*
Behner, George Henry,	A.B.	100	*Peoria.*
Benham, Alice Marie,	B.S.		*Rockford.*
Benham, Fred Claude,	B.S.	102	*Rockford.*
Benn, Hester Eliza,	Ph.B.	55	*Woodburn, Ia.*
Bennett, Marie Elnora,	B.L.	98	*Litchfield.*
Blades, Ansley Baker,	A.B.	60	*Knowlesville, N. Y.*
Blair, Herbert Francis,	B.S.		*Sibley.*
Bobb, Dwight St. John,	A.B.	117	*Dakota.*
Bond, Dora,	Ph.B.		*Evanston.*
Booth, Lester McNair,	B.S.		*Chicago.*
Bragdon, Elizabeth,	Ph.B.	83	*Evanston.*
Brewrink, John Edward,	Ph.B.		*Blanchard, Ia.*
Bronson, Edna Myrene,	A.B.	16	*Evanston.*
Brown, Joseph Wesley,	B.S.	72	*Atlantic, Ia.*
Brown, Mabel,	B.L.	75	*La Salle.*
Bryant, Nettie Ladora,	Ph.B.	72	*Hebron, Ind.*
Bunt, Richard Wheeler,	A.B.	12	*Platteville, Wis.*
Buntain, Cassius M. Clay,	A.B.	109	*Momence.*
Burchard, Ernest Francis,	B.S.	83	*Evanston.*
Busse, Paul Gustav Adolf,	A.B.	90	*Berlin, Germany.*

Bussey, William Henry,	A.B.	80	*Mayfair.*
Campbell, Arthur William,	B.S.		*Coal City.*
Campbell, Elizabeth Butler,	B.L.	94	*Durand.*
Campbell, Ira Robert,	Ph.B.	60	*Durand.*
Capron, Albert Snowden,	B.S.	59	*Winnetka.*
Case, Charles Center, Jr.,	A.B.	51	*Cherry Valley.*
Cater, George Henry,	B.S.	16	*Libertyville.*
Catlin, Annie Lyman,	B.L.		*Waterloo, Ia.*
Chaddock, DeClifford,	B.S.		*Polo.*
Chappell, Gertrude Leone,	A.B.	57	*Rogers Park.*
Chase, Jane Alice,	B.L.	98	*Chicago.*
Clark, Bessie Waite,	B.L.	100	*Farmington.*
Clark, May,	B.L.	112	*Princeton.*
Clarke, Miriam Loretta,	B.L.	104	*Port Huron, Mich.*
Cleaver, Nina Josephine,	B.L.		*Princeton, Ind.*
Clements, Louis,	Ph.B.	15	*Carbondale.*
Clements, Robert,	Ph.B.		*Carbondale.*
Cleworth, Gilbert Drake,	A.B.	97	*Grossdale.*
Cockerill, Herbert John,	Ph.B.		*Sharon, Wis.*
Cole, Maynard Copeland,	B.S.	80	*Lyons, Ia.*
Colvin, Ruth Amanda,	B.S.	112	*Bonus.*
Cooke, Andrew,	A.B.	113	*Waukegan.*
Covell, Jennie Rosaline,	B.S.	47	*McHenry.*
Crane, Reva Russell,	Ph.B.	17	*Portland, Mich.*
Crawford, Robert Kingsley,	B.S.	69	*Manhattan.*
Crawford, Wilson Martyn,	A.B.	17	*Columbus Grove, O.*
Creed, Elizabeth Miller,	Ph.B.		*South Bend, Ind.*
Cumnock, Wallace Webster,	A.B.	47	*Evanston.*
Curfman, George Hardin,	Ph.B.	74	*Maryville, Mo.*
Cushman, Dora Grace,	B.L.		*Waterloo, Ia.*
Dahlen, Emma Marie,	B.L.	36	*Whitewater, Wis.*
Danforth, Sarah Esther,	Ph.B.	77	*Chicago.*
Danforth, William Clark,	B.S.	70	*Chicago.*
Davies, Bess,	B.L.		*Dodgeville, Wis.*
Davis, Elizabeth Frances,	Ph.B.	84	*Evanston.*
Davison, Jessie Emeroy,	B.S.	54	*Joliet.*
Decker, Martin Cornelius,	A.B.	7	*Ivanhoe.*
Denison, Edmund Decatur,	A.B.	105	*Hanna, Ind.*
Dennis, Ralph Brownell,	B.L.	40	*Traer, Ia.*
Dennis, Roger Leigh,	B.L.	42	*Traer, Ia.*
Dickinson, Rogerta,	B.L.		*Eureka.*
Dike, Paul Harrison,	B.S.		*Nunda.*
Doland, Alice Clara,	Ph.B.	83	*Chicago.*
Dolton, Isabella Lydia,	A.B.	40	*Dolton.*

Dorman, Oscar William,	B.S.		*Freeport.*
Doyle, James Everrett,	B.S.		*Clyde.*
Drew, Celia Anna,	Ph.B.		*Chicago.*
Dunlap, Ralph VanBuren,	B.S.		*Canton, S. D.*
Dutton, Joseph,	Ph.B.		*Toronto, Can.*
Dyar, Annie Lombard,	B.L.		*Winona, Minn.*
Eldridge, Lulu Geneva,	Ph.B.	85	*Kewanee.*
Ellinwood, Robert Roy,	A.B.		*Rochelle.*
Ely, Harriott Belle,	Ph.B.	12	*Berwyn.*
Emery, Gertrude LaZelle,	Ph.B.	16	*Peoria.*
Enwall, John Octavius,	Ph.B.		*Sweden.*
Ericson, Edna Amelia,	Ph.B.	10	*Ishpeming, Mich.*
Erickson, Thor,	A.B.	42	*Milwaukee, Wis.*
Evans, Ina Mae,	Ph.B.	47	*Riverside.*
Everson, Charles Theodore,	A.B.		*Chicago.*
Fahs, Helen May,	Ph.B.	34	*Snohomish, Wash.*
Farley, Jesse Kelso, Jr.,	Ph.B.	12	*Chicago.*
Farr, Jessie Laurance,	B.L.	87	*Chicago.*
Fellingham, Clark Hughes,	B.S.		*Verona.*
Ferguson, Jean May,	Ph.B.	84	*Chicago.*
Ferris, Mary Caroline,	Ph.B.	50	*Princeton.*
Fisher, Albert L.,	Ph.B.	90	*Evanston.*
Fitch, Marjorie Lucille,	Ph.B.	121	*Chicago.*
Fleming, Berton H.	B.S.		*Dowagiac, Mich.*
Flickinger, Roy Caston,	A.B.	108	*Chicago.*
Floyd, Anne Elizabeth,	Ph.B.		*Sault Ste. Marie, Mich.*
Foudray, Elbertie,	A.B.		*Sedalia, Mo.*
Frost, Henry Hoag,	A.B.	63	*Lake Road, N. Y.*
Fyfe, Cora May,	A.B.	118	*Chicago.*
George, Albert Edward.	Ph.B.		*Dexter, Iowa.*
Gilbert, Barry,	A.B.	99	*Cairo.*
Gilbert, Neva Julia,	A.B.	49	*Austin.*
Gill, James Robert,	A.B.		*Chicago.*
Gillespie, Charles Seward,	B.S.	37	*Blanchard, Ia.*
Gilmore, Jennie Josephine,	Ph.B.	48	*Compton.*
Gilson, Grace Alice,	B.S.	17	*Harvey.*
Goodsmith, Jessie Bell,	B.L.	100	*Chicago.*
Gough, Harry Bainbridge,	A.B.	76	*Peoria.*
Green, Elbert Chellis,	A.B.		*Bluffton, O.*
Greenwood, Cecelia Daphne,	Ph.B.		*Princeton.*
Griesel, Nellie,	B.L.		*Crown Point, Ind.*
Gurnee, Ella Louise,	Ph.B.	46	*Chicago.*
Haist, Louis Philip,	A.B.		*Freeport.*
Hall, Clare Hamilton,	B.S.	61	*Rockford.*

Hall, Eliza Platt,	B.S.	121	*Chicago.*
Hance, James Harold,	B.S.		*Chicago.*
Handy, Helen Marshall,	Ph.B.		*Evanston.*
Hanmer, Charles Ferguson,	B.S.	44	*Evanston.*
Hansen, Emma Lorena,	B.L.		*Evanston.*
Hansen, Herbert Conrad,	A.B.		*Chicago.*
Hanson, Henry,	Ph.B.		*Blair, Neb.*
Hapgood, Laura Sarah,	A.B.	67	*Warren, O.*
Hard, John Vincent,	A.B.	34	*Hammond.*
Hard, William Amos,	A.B.	73	*Hammond.*
Harris, Florence Emmerson,	B.L.	112	*Beardstown.*
Hart, Frankie May,	Ph.B.		*Evanston.*
Hart, Louie Blanche,	Ph.B.		*Evanston.*
Hart, Stephen Price,	A.B.	54	*Austin, Minn.*
Hart, Tobias VanHorn,	A.B	70	*Knoxville, Ia.*
Hayden, Agnes,	B.L.	37	*Evanston.*
Heaps, Edith Estelle,	B.L.	113	*Kewanee.*
Heil, Charles Frederick,	A.B.	88	*Santa Ana, Cal.*
Hinkel, Mattie,	B.L.	55	*Chicago.*
Hoagland, Descom Deforest,	A.B.	84	*Portland, Ore.*
Hochbaum, Elfrieda,	Ph.B.	128	*Chicago.*
Hocking, Kate L.	Ph.B.		*Mineral Point, Wis.*
Hofflund, Raymond Ward,	Ph.B.	16	*Evanston.*
Holmes, Marion,	Ph.B.	16	*Evanston.*
Houk, Charles William,	Ph.B.	69	*Crown Point, Ind.*
Howard, William Edward,	B.S.	130	*Parshley, Mo.*
Hoyseth, Wilhelmina,	Ph.B.	45	*Ishpeming, Mich.*
Hunting, Edith Stephens,	A.B.	32	*Chicago.*
Hutchings, William Theodore,	A.B.		*Chicago.*
Hutchins, Lelia Myrtle,	B.L.		*Sheldon.*
Hutchison, Bessie Belle,	B.L.	124	*Mineral Point, Wis.*
Jeffrey, Jessie,	Ph.B.		*Washington, Ia.*
Jewel, Jed Lake,	Ph.B.		*Independence, Ia.*
Jewell, Helen Mabel,	Ph.B.	45	*Evanston.*
Johnson, Mabel Augusta,	B.L.		*Holdredge, Neb.*
Johnson, Mary Helen,	A.B.		*Fort Madison, Ia.*
Johnston, Joseph Albert,	A.B.		*Evanston.*
Jones, Albert Reuben,	B.S.	100	*Bloomington.*
Jones, Paul Vernon,	A.B.	98	*Pasadena, Cal.*
Jose, Lillian Lovisa,	A.B.	44	*Onarga.*
Judson, Wilber,	B.S.	59	*Lansing, Mich.*
Juvinall, Charles Franklin,	A.B.	112	*Jamesburg.*
Kahn, Julius Maurice,	A.B.		*Petersburg.*
Kean, Mary Imogene,	A.B.	79	*Evanston.*

Keller, David Harold,	B.S.		*Chicago.*
Keller, William Jacob,	A.B.	48	*Chicago.*
Kennedy, Lesley Leyson,	B.S.		*Leland.*
Kincaid, Leslie Pearl,	Ph.B.		*Farmer City.*
King James Sherman,	A.B.		*Rosecrans.*
King, Karl David,	B.S.	97	*Chicago.*
Kinnison, Catharine,	Ph.B.		*Ligonier, Ind.*
Kipp, Ray Bassett,	A.B.		*Wing.*
Knott, Thomas Albert,	A.B.		*Chicago.*
Knowlton, George Blake,	B.S.	80	*Rochester, Minn.*
Knox, Arthur Howell,	B.S.	15	*Evanston.*
Knox, Susan Mixter,	A.B.		*Wilmette.*
Kompel, Morris,	B.L.	74	*Chicago.*
Kriete, Cecilia Louisa,	B.L.		*Chicago.*
Lane, Clara Louise,	Ph.B.	77	*Chicago.*
Langellier, Roxy Emilie,	Ph.B.	15	*Chicago.*
Larsen, Bernard,	A.B.	78	*Halstad, Minn.*
Larsen, Isabel,	B.S.	41	*Odell.*
Larsen, Leslie Randall,	B.L.	50	*Green Bay, Wis.*
Lasher, Grace Adele,	B.L.	121	*Highland Park.*
Lawler, Hiram Festus,	A.B.	100	*Green Valley.*
Leonard, Albert Williams,	B.S.		*Clinton, Ia.*
Libberton, Raymond Claude,	B.S.	108	*Evanston.*
Lippincott, Aubrey,	B.S.		*Fort Sheridan.*
Little, Harry Franklin,	A.B.	55	*Goodland, Ind.*
Livermore, Evalyn,	Ph.B.		*Evanston.*
Lloyd, Alfred,	A.B.		*Oakland, Cal.*
Logeman, May Margaret,	B.L.	92	*Ravenswood.*
Longley, Florence Mabel,	A.B.	68	*St. Paul, Minn.*
Longpre, Elmer Leon,	B.S.	103	*Momence.*
Lott, Lewis Bullard,	A.B.	68	*West Pullman.*
Loutzenhiser, P. Sternberger,	B.S.		*Evanston.*
Low, Isabel Ruth,	Ph.B.	15	*Evanston.*
Lowell, Emma Belle,	Ph.B.	47	*Chicago.*
Lundahl, Vina Genevieve,	B.L.		*Chicago.*
Lyon, Leonie Tansley,	B.L.	45	*Chicago.*
Lytle, Clarice May,	Ph.B.	103	*Evanston.*
Machesney, William Nelson,	A.B.	124	*Grant Park.*
Mantor, Charles Matthew,	B.S.	63	*Lisbon.*
Marsh, Don Egbert,	B.S.		*Evanston.*
Martin, Arba,	Ph.B.	73	*St. John's, Mich.*
Martin, Horatio Seymour,	A.B.		*Evanston.*
Masden, Ella McCarty,	A.B.	36	*Milwaukee, Wis.*
Matteson, Ralph DeLeon,	B.S.	15	*Chicago.*

Mattison, Georgia Donkersley,	Ph.B.	79	*Evanston.*
McCabe, Caroline Rebecca,	A.B.	47	*Evanston.*
McCallum, Frederick William,	B.S.		*Valparaiso, Ind.*
McCartney, John David,	Ph.B.	31	*Golden, Colo.*
McCluskey, Frank,	A.B.		*Owaneco.*
McIntosh, Arthur Tuttle,	B.S.	77	*Clear Lake, Ia.*
McLaughlin, Mary Hendley,	Ph.B.	83	*Evanston.*
McNett, Frank Warren,	B.S.	100	*Cary.*
Medlar, Ola Samuel,	B.S.	121	*York, Neb.*
Mell, Aaron Wesley,	A.B.	101	*Marshalltown. Ia.*
Melville, Carey Eyster,	A.B.	17	*Chicago.*
Melzer, Lulu Katie,	A.B.		*Glen View.*
Metcalf, Anne Maria,	B.S.	81	*Evanston.*
Meyer, Anjuline Orillia,	Ph.B.		*Evanston.*
Miller, Maud Evangeline,	B.S.	98	*Rockford.*
Miller, Virginia Elizabeth,	A.B.		*Evanston.*
Milner, Sarah Fay,	B.L.		*Chicago.*
Minium, Willis Frank,	B.S.	107	*Evanston.*
Mohler, Harold Clayton,	B.S.		*Huntington, Ind.*
Money, Parke Cornelius,	A.B.	116	*Evanston.*
Montgomery, Annie Mabel,	A.B.	47	*Ireton, Ia.*
Moore, George Albert,	Ph.B.	17	*Evanston.*
Morse, Albert Garrish,	A.B.		*Highwood.*
Moyer, Edmund Warren,	B.S.		*Wilmette.*
Mueller, Hedwig Henriette,	B.L.		*Chicago.*
Muhleman, Geo. Washington,	B.S.	116	*Hannibal, O.*
Myers, William Edward,	A.B.	104	*Springfield, O.*
Neiglick, Elsa,	Ph.B.	44	*Chicago.*
Nesmith, George Taylor,	A.B.	109	*Capron.*
Newkirk, Alice,	B.L.		*Chicago.*
Nordquist, Stella,	Ph.B.		*McHenry.*
Northey, Vinnie Marion,	B.L.		*Waterloo, Ia.*
Northrup, Albert Justin,	A.B.	94	*Evanston.*
Norton, Mary Amelia,	Ph.B.	8	*Evanston.*
Oldfield, William Alfred,	Ph.B.	32	*Chicago.*
Olp, Ernest Everett,	A.B.	96	*Evanston.*
Owen, Festus Edward,	Ph.B.	14	*Mokena.*
Ozanne, Herbert Giles,	A.B.	105	*Somers, Wis.*
Paarlberg, Mary,	Ph.B.	15	*Oak Glen.*
Paddock, Jessie Louise,	Ph.B.	108	*Prophetstown.*
Palmer, Mary Eckel,	B.L.	105	*Chicago Heights.*
Parish, Lucius LaVerne,	B A.	7	*Chicago.*
Park, May,	B.L.	23	*Wilmette.*
Parkinson, George Hathaway,	A.B.		*Wichita, Kans.*

Patterson, Charles Waggoner,	B.S.		*Chicago.*
Pease, Kingsley Eugene,	B.S.	58	*West Plains, Mo.*
Pelican, Frank,	Ph.B.		*Chicago.*
Perry, Albertus,	Ph.B.	104	*Gloversville, N. Y.*
Perry, Edwin Ruthven,	A.B.		*Manitoba.*
Peters, Maude Myrtle,	Ph.B.	40	*Chicago.*
Phar, John Marion,	Ph.B.	33	*Keensburg.*
Phelps, Frank Wesley,	B.S.		*Rockford.*
Phillippi, Ruth Eloise,	A.B.	115	*Omaha, Neb.*
Pierce, Ella Maria,	Ph.B.	100	*Evanston.*
Pierce, Frances Currey,	Ph.B.	73	*Malta.*
Pierson, John Clough, Jr.,	B.S.	97	*Wilmette.*
Pierson, Ward Wright,	B.S.		*Wilmette.*
Pinneo, George Melvin,	A.B.		*Sheldon.*
Piper, William Floromond,	A.B.	14	*Berwyn.*
Porter, Jesse Bell,	A.B.	83	*Brookville.*
Porter, Royal Arthur,	Ph.B.	42	*Macomb.*
Pratt, Ernest Larned,	A.B.		*Chicago.*
Prickett, William Russell,	A.B.	104	*Evanston.*
Prochaska, Otakar Ludvig,	B.S.	75	*Chicago.*
Quade, William George,	Ph.B.	31	*Staunton.*
Randall, Grace Olive,	A.B.	6	*Berwyn.*
Rankin, Clarence Edward,	Ph.B.		*Braidwood.*
Rawlins, Frances Christine,	Ph.B.		*Warren.*
Rawll, Ruby Eleanor,	Ph.B.	39	*Chicago.*
Ray, Ruth,	Ph.B.		*Evanston.*
Raymond, Elizabeth,	B.S.	60	*Evanston.*
Rea, Harry Andrew,	A.B.	15	*Palatine.*
Read, William Barnard,	A.B.	104	*Ogden, Iowa.*
Reat, Mary Alice,	B.S.		*Charleston.*
Reed, Gertrude H.,	B.L.	75	*Evanston.*
Reiterman, Alice Amelia,	B.S.	49	*Austin.*
Remington, James Elvon,	B.S.	118	*South Whitney, Ind.*
Rew, Mary Campbell,	Ph.B.		*Kenilworth.*
Reynolds, Florence Emma,	B.L.	44	*Chicago.*
Riale, Florence Elnora,	A.B.		*Ottawa.*
Richardson, Edith May,	B.L.	72	*Rochester, Minn.*
Richardson, Julia Elnora,	B.S.	112	*Elgin, Minn.*
Richter, Christine Eleanore,	B.L.		*Chicago.*
Roberts, Effie Isabel,	B.L.	72	*Remington, Ind.*
Rodgers, Emily Isabel,	Ph.B.	101	*Eleanor.*
Rogers, Esca Beattie,	Ph.B.	15	*Chicago.*
Ross, Jessie Elizabeth,	Ph.B.	102	*Nicholson.*
Rostock, Benjamin Franklin,	Ph.B.	70	*Evanston.*

Ruth, Thyra Julia,	A.B.	49	*Chicago.*
Ruther, George Edward,	B.S.	105	*Staunton.*
Rutledge, Edna,	B.S.	80	*Oregon.*
Sawyer, Robert Burns,	A.B.		*Evanston.*
Schauffler, Robert Haven,	A.B.		*Cleveland, O.*
Scheiner, Frank Harry,	B.S.	15	*Irving Park.*
Schlorff, Paul William,	A.B.	50	*Chicago.*
Schraudenbach, Harry Mills,	B.S.		*Evanston.*
Scott, Jennie Neill,	A.B.	76	*Olney.*
Scott, Mary Rankin,	A.B.	11	*Harvey.*
Seabrook, Angelina Emily,	B.L.		*Chicago.*
Seaman, Maud Tesmer,	A.B.		*Watseka.*
Selzer, Frederick Isaac,	A.B.		*Ashton, Ia.*
Semans, Clara Ellen,	Ph.B.	66	*Logansport, Ind.*
Sharp, Frances Margaret,	B.S.		*Warsaw, Ind.*
Sheppard, Daisy Dean,	B.L.		*Oskaloosa, Ia.*
Sheppard, Margarethe,	B.L.	69	*Evanston.*
Shinn, Harold Brough,	A.B.		*Evanston.*
Shinn, Harwin Benjamin,	A.B.	123	*Springdale, Ia.*
Short, Robert,	B.L.	100	*Evanston.*
Siberts, Paul Raymond,	B.S.	96	*Evanston.*
Sibbitt, Mary Edith,	B.S.	22	*Rossville.*
Siller, Mabel Harriet,	B.L.	47	*Evanston.*
Skiles, Aubrey Matson,	A.B.	35	*Shelby, O.*
Smiley, Joseph Ernest,	B.S.		*Plainville.*
Smith, Avis,	B.S.	78	*Clifton.*
Smith, Bessie Carolyn,	Ph.B.	80	*Chicago.*
Smith, Elda Louise,	A.B.	38	*Springfield.*
Smith, Walter J.,	B.S.		*Waukegan.*
Snider, Blanche Ellis,	B.L.	33	*Evanston.*
Solenberger, Edwin Dewitt,	Ph.B.	74	*Polo.*
Solenberger, Harvey Monroe,	B.S.		*Polo.*
Sparling, James Lyons,	A.B.		*Moweaqua.*
Springer, John McKendree,	Ph.B.	99	*Watertown, S. D.*
Staatz, William Charles,	A.B.		*Enterprise, Kans.*
Stewart, Eva May,	Ph.B.	16	*Evanston.*
Stewart, George John Craig,	Ph.B.		*Saginaw, Mich.*
Stone, George Vincent,	B.L.		*Chicago.*
Stowe, Herman Wilmer,	Ph.B.		*Fort Dodge, Ia.*
Strickler, Mary Cecelia,	Ph.B.	64	*Lanark.*
Strong, George Franklin,	A.B.		*Natick, Mass.*
Struggles, Eva,	Ph.B.		*Winnetka.*
Stuart, Anna,	B.L.	70	*Evanston.*
Sturgeon, Jennie Bradshaw,	B.L.	45	*Rock Island.*

Sturgeon, Rollin Summers,	B.L.	72	*Rock Island.*
Sutter, Minnie May,	B.L.	15	*Chicago.*
Swarthout, Ethel May,	A.B.	99	*Evanston.*
Sweitzer, Harry Ellsworth,	Ph.B.		*Mishawaka, Ind.*
Talbott, Rose Casteel,	B.S.		*Springfield.*
Tayler, Mary Ellen,	B.S.	78	*Green Bay, Wis.*
Taylor, Albert Hoyt,	B.S.	69	*Wilmette.*
Telling, Grace Elsie,	Ph.B.	105	*Chicago.*
Terry, Arthur Guy,	Ph.B.	47	*Evanston.*
Thayer, Effie Ellen,	B.S.	52	*Evanston.*
Thayer, Jane Constance,	B.S.		*Evanston.*
Thomas, Percy Ernest,	Ph.B.		*Denver, Col.*
Thompson, Grace Eleanor,	B.L.	48	*Rensselaer, Ind.*
Thompson, Mary Edith,	Ph.B.	69	*Evanston.*
Thompson, Sadie Abia,	Ph.B.		*Evanston.*
Thorne, Clarence Manly,	B.S.	102	*Evanston.*
Tilroe, Hughey Massey,	A.B.	82	*Flat Rock.*
Townsend, Oliver Otis,	Ph.B.		*Sandwich.*
Trefz, Julius John,	B.S.		*Sterling.*
Trelease, Justin Patterson,	B.S.		*Chicago.*
Truby, Franklin Jesse,	A.B.		*Maple Park.*
Uhrig, Thomas John,	A.B.		*Chicago.*
Ullrick, Delbert Sylvester,	A.B.		*Carson City, Nev.*
Vaughan, David Davis,	B.S.	59	*Chicago.*
Vimont, Marie Louise,	B.S.		*Des Moines, Ia.*
Volz, George Philip Kuhn,	A.B.	102	*Arlington Heights.*
Wadden, Mary,	Ph.B.	16	*Madison, S. D.*
Ward, Stanley,	A.B.	29	*Evanston.*
Wasson, Gail Christina,	Ph.B.		*Rensselaer, Ind.*
Weakley, Mary,	A.B.	26	*Cincinnati, O.*
Wegener, Agnes,	A.B.	48	*Evanston.*
Wegener, Florence,	A.B	47	*Evanston.*
Welch, Ida,	A.B.	16	*Evanston.*
West, Frank Harry,	A.B.		*Loda.*
Wheat, Herbert Thomas,	B.S.		*Rockford.*
Wheelock, Seymour Edwin,	B.S.	76	*Wilmette.*
Whipple, William Leonard,	Ph.B.		*Evanston.*
White, Bertha,	Ph.B.	11	*Plattsmouth, Neb.*
White, Will Fremont,	A.B.	76	*Austin.*
Wickwire, Dora Estelle,	B.L.	41	*Goodland, Ind.*
Wilbur, Alice May,	B.S.		*Evanston.*
Wilbur, Russell,	A.B.	113	*Omaha, Neb.*
Williams, Abbie Florence,	B.L.	37	*Chicago.*
Williams, Arthur Edward,	B.S.	103	*Chicago.*

Williams, David Irwin,	B.S.	44	*Evanston.*
Williams, Willis Mac,	B.S.	77	*Vinton, Ia.*
Willis, Newton Percy,	A.B.	84	*Canadian, Tex.*
Window, Mary Reynolds,	B.L.	47	*Evanston.*
Windsor, John George,	B.S.		*Evanston.*
Winslow, Annie Swift,	Ph.B.	28	*Light House*
Winston, William Thomas,	A.B.	33	*Sidney.*
Witt, Annie Mary,	Ph.B.	110	*Virden.*
Wolf, Frank David,	Ph.B.	39	*Lincoln, Pa.*
Woods, Arthur Waterston,	B.S.	72	*Chicago.*
Woolbert, Charles Henry,	A.B.	73	*Ottawa.*
Woolson, Ruth,	Ph.B.	41	*Mt. Pleasant, Ia.*
Wright, Cyrus Ames,	A.B.		*Bradley.*
Wright, Mary Florence,	Ph.B.	27	*Rochester.*
Wynekoop, Florence Victoria,	A.B.		*Wolcott, Ind.*
Wyrick, Basil Guy,	B.S.	99	*Evanston.*
Young, Lester Ellsworth,	Ph.B.		*Cromwell, Ia.*
Zaumbrecher, Elsie,	B.S.		*Michigan City, Ind.*
Zimmerman, Edward Egglst'n	A.B.	51	*Evanston.*
Zimmerman, Marion Egglst'n	B.L.	56	*Evanston.*

NOT CANDIDATES FOR A DEGREE.

Agnew, Leila Eliza,	*Evanston.*
Allyn, Earle Kinsell,	*Mt. Ayr, Ia.*
Aoki, Chojuro,	*Wakayama, Japan.*
Ballantine, Grace May,	*Bloomington, Wis.*
Bell, Adelaide Ellen,	*Chicago.*
Bellamy, Wiley Orlando,	*Knoxville, Ia.*
Bemis, George Warren,	*Cawker City, Kan.*
Benedict, Aura,	*Shelby, Ia.*
Bennett, Roger Scoville,	*Waterloo, Ia.*
Berger, Linda,	*South LaCrosse, Wis.*
Bliss, Helen Elizabeth,	*Evanston.*
Bray, William Madison,	*Oshkosh, Wis.*
Briggs, George Weston,	*North Branch, Mich.*
Brown, Irwin Ritchie,	*Lebanon, Ind.*
Brown, Paul,	*Emmetsburg, Ia.*
Buell, Jessie Myrtle,	*Evanston.*
Bundy, Walter Scott,	*Evanston.*
Carlson, Alma Sophia,	*Evanston.*
Carpenter, Florence Almira,	*Evanston.*
Chase, Sophia May,	*Chicago.*
Comings, Mary Huntington,	*St. Joseph, Mich.*

Compton, Louis Jerome,	*Coldwater, Mich.*
Coutanche, Edward,	*St.Helier's,Jersey,Eng.*
Cramer, Netha Ruth,	*Clarinda, Ia.*
Crandon, Ruth Wilbur,	*Evanston.*
Crawford, Laura Macpherson,	*Evanston.*
Crumpacker, Shepard,	*Westville, Ind.*
Dick, James Lee,	*McPherson, Kans.*
Dietz, Godlove Orth,	*Gilman.*
Dragoo, Vinton Benjamin,	*Sycamore.*
Eckstorm, Royce Paul,	*Evanston.*
Eichelberger, Edna,	*Ottawa.*
Elliott, Arthur James,	*Kankakee.*
English, Marian,	*Jerseyville.*
Faucett, Robert Isaac,	*Medford, Ore.*
Fleshiem, Edna Earl,	*Menominee, Mich.*
Ford, Morris Mitchell,	*Galva.*
Frey, Eugene,	*Brookville.*
Gale, Gertrude Janet,	*Plano.*
Gazzolo, Victoria,	*Chicago.*
Gooch, Rhoda May,	*Evanston.*
Gould, Leonora,	*Evanston.*
Graves, Irene Mayhew,	*Evanston.*
Gray, Edwin Wilson,	*Evanston.*
Grayston, Wallace Slack,	*Huntington, Ind.*
Green, Charles Henry,	*Freeport.*
Greenebaum, Carrie,	*Chicago.*
Gregg, Grace,	*Peru, Ind.*
Hall, Charles Harold,	*Webster City, Ia.*
Hanson, David Thomas,	*Tuscola.*
Hardin, Gertrude,	*Evanston.*
Hatfield, Robert Marcus,	*Chicago.*
Henderson, Robert Halsey,	*Chicago.*
Heren, Cyrus Elvino,	*Evanston.*
Herrick, Marian Ellen,	*Thurman, Ind.*
Hill, Harvey Rowland,	*Portland, Ore.*
Hill, Raymond,	*Stanberry, Mo.*
Hiroto, Zenro,	*Tokio, Japan.*
Hobart, Amy Sturtevant,	*Evanston.*
Holbrook, Mabel,	*Chicago.*
Hubbard, Cora Lelah,	*Evanston.*
Hubbard, Minnie Katherine	*Evanston.*
Hutchins, Laura Belle,	*Sheldon.*
James, John Maurice,	*Hazel Green, Wis.*
Johnson, Alton Francis,	*Chicago.*

Johnson, Cora M.,	*Cogswell, N. D.*
Jolly, Franklin Pierce,	*Hutchinson, Kans.*
Linebarger, Isaac Marc,	*Chicago.*
Lord, Mary Wade,	*Evanston.*
Lyford, Lucy,	*Port Byron.*
March, Ralph Cartwright,	*Daysville.*
Mars, Mary Melissa,	*Evanston.*
Martin, Bessie,	*Des Moines, Ia.*
Matteson, Jesse Franklin,	*Courtland.*
Mayr, Marguerite Johanna,	*Rockford.*
McCulla, James,	*Chicago.*
McQuigg, Frederick Willis,	*Chicago.*
Miller, Beigh Lorena,	*Evanston.*
Miller, Kathryn Gourlye,	*Evanston.*
Milnes, Frand Jay,	*Rockford.*
Morris, Frank Ellis,	*Evanston.*
Morris, Leila Scranton,	*Evanston.*
Morse, Abbie Eleanor,	*Odell.*
Murray, Bessie,	*Winterset, Ia.*
Nelson, William Andrew,	*Chicago.*
Neville, John Henry,	*Bay City, Mich.*
Newcomer, Jay Stoddard,	*Eldora, Ia.*
Nicholson, James Calvin,	*Litchfield.*
Ogilby, M. Elizabeth,	*Rockford.*
Okey, Lenore Catherine,	*Corning, Ia.*
Orth, Mary Ward,	*Hiawatha, Kans.*
Pearson, Margaret Julia,	*Evanston.*
Peck, David Billings,	*Chicago.*
Price, Freeman,	*Evanston.*
Pugsley, Maud Mary,	*Chicago.*
Putnam, Karl Freddric,	*Mt. Carmel.*
Ramsey, Bertha Edna,	*Portland, Mich.*
Rankin, William B.,	*Braidwood.*
Read, Hannah Dell,	*Shenandoah, Ia.*
Reilly, Henry Joseph, Jr.,	*Washington, D. C.*
Richardson, Frank Lee,	*Argo, Col.*
Root, Agnes Howard,	*Evanston.*
Sanders, Albert David, Jr.,	*Evanston.*
Schreiber, Thomas,	*Potter, S. D.*
Seed, M. Joy,	*Sumner.*
Sheppard, Virginia Cornelia,	*Evanston.*
Shuman, Grace Ethel,	*Evanston.*
Smith, Henman Bressee,	*Coal City.*
Stevenson, Olla,	*Nebraska City, Neb.*

Sutton, Edward Osband,	*Tacoma, Wash.*
Swan, Dora,	*Duluth, Minn.*
Thayer, Lola Stephen,	*Evanston.*
Todd, Leroy Levi,	*Milledgeville.*
Tompkins, William Oris,	*Camanche, Ia.*
Vaughan, John George,	*Chicago.*
Wait, Adele Mehitabel,	*Greenville.*
Waterman, August H.,	*Luzerne, Ia.*
Weeks, Leslie Augustine,	*Nashua, Ia.*
Wheeler, Mabel Melisan,	*Omro, Wis.*
Wickersham, Elmer Randolph,	*Chicago.*
Winans, Nina May,	*Evanston.*
Woolley, Austin Lowell,	*Oberon, N. D.*
Yoshioka, Gen-iehiro,	*Okayama, Japan.*

THE MEDICAL SCHOOL.

FIRST YEAR.

Bo Dine, Charles Delos,	*Bates, S. D.*
Brereton, Hugh Albert,	*Lodi, Wis.*
Cahill, Thomas A.,	*Chicago.*
Cherry, Herbert Johnson,	*Grand Haven, Mich.*
Clemensen, Peter Christian,	*Chicago.*
Day, Minor Harold,	*Berlin, Neb.*
Day, Wilton Andrew,	*Austin, Minn.*
Dowling, Jay Thomas,	*Quincy, Minn.*
Drennan, Gilbert Dodd,	*Glenarm.*
Dunn, John Clement, R. Ph., Owen Sound.	*Owen Sound, Ont.*
Egelhoff, William Christian,	*Fond du Lac, Wis.*
Erickson, Charles August, Ph. G., Northwestern University School of Pharmacy.	*Chicago.*
Galland, William Herbert,	*Lodoga, Wis.*
Gibbons, Charles Kimball,	*Kearney, Neb.*
Haney, Charles Freeborn,	*Onarga.*
Hanna, Lester Charles,	*Lincoln, Neb.*
Haugan, Otto Martin, A.B., University of Minnesota.	*Fergus Falls, Minn.*
Haury, Richard Samuel,	*Halstead, Kan.*
Hecker, William, B.S., Lawrence University.	*Cambria, Wis.*
Hill, Frank A., Ph. G., Northwestern University School of Pharmacy.	*Chicago.*
Horswell, Ulysses Murton,	*Evanston.*
Huff, Wallace Alanson,	*Clintonville, Wis.*
Jones, Richard W.,	*Waukesha, Wis.*
Kaufman, Cloid,	*Walnut*
Kleutgen, Arthur C.	*Chicago.*
Legnard, John B., Jr.,	*Waukegan.*
Linden, Thomas Bacon,	*Chicago.*
Linebarger, Isaac,	*Chicago.*
Little, Wilbur Grant, Ph. B., Western College.	*Chicago.*
Lynch, John Francis,	*West Bend, Wis.*
Morgan, Charles Edwin,	*Mattoon.*

Palen, Charles,	*Dubuque, Ia.*
Patterson, Robert Wilson,	*Chicago.*
Pestal, Joseph,	*Weston, Neb.*
Poindexter, Frederick M.	*Dillon, Mont.*
Rendtorff, Walter,	*Chicago.*
Replogle, William Harry,	*Pontiac.*
Rosson, Zachariah Taylor,	*Chicago.*
Russell, Frank Horatio,	*Lamartine, Wis.*
Slusser, Carl Wilson,	*Downer's Grove.*
Snyder, Craig Richard,	*Dillon, Mont.*
Van Houten, Jake,	*Waupun, Wis.*
Waite, Robert Arthur,	*Waukesha, Wis.*
Warriner, Winsor Whipple,	*Hackettstown, N. Y.*
Williams, Arthur Edward,	*Kankakee.*
Woolley, Walter Thomas, B.S., Illinois Wesleyan University.	*Dwight.*
Wray, Clarence M.	*Elida.*
Younger, Charles Benjamin,	*Washburn, Wis.*

SECOND YEAR.

Abrams, James Chegwin, B.S., Northern Indiana Normal School.	*Dollar Bay, Mich.*
Adams, Fred Millard,	*New Milford.*
Baker, Axcel Conrad, B.S., University of Minnesota.	*Rochester, Minn.*
Barnes, Elbert Maltby,	*Jacksonville.*
Bartlett, Henry Lincoln,	*Chicago.*
Beard, Charles George,	*Polo.*
Beck, Louis,	*Glenbeulah, Wis.*
Beecher, William Lyman, Ph. G., Northwestern University School of Pharmacy.	*Chicago.*
Bellows, William Samuel,	*Waukegan.*
Benjamin, Will V.,	*Fond du Lac, Wis.*
Biehn, Joseph Frank,	*Chicago.*
Bonesteel, William Mayward,	*Janesville, Wis.*
Bothne, Erling Albert, B.A., Luther College.	*Chicago.*
Boughton, Charles Wheelock,	*Topeka, Kan.*
Brandt, Franz Henry,	*Walnut, Ia.*
Bunyan, Walter William,	*Kendallville, Ind.*
Burnap, Willard Lathrop, B.S., University of Minnesota.	*Clear Lake, Ia.*
Clark, John Donavan, B.S., Washburn College.	*Macksville, Kan.*
Cluney, William Thomas,	*Chicago.*
Cohenour, Vincent Jacob, B.S. & Ph. B., Illinois College.	*Pittsfield.*

Coughlin, Francis James,	*Aurora.*
Detling, Frank Edward,	*Sheboygan, Wis.*
Dubs, Jesse James,	*Chicago.*
Dye, Willoughby George,	*Macedonia, Ia.*
Egan, Gregory Joseph,	*Beloit, Wis.*
Farrell, Vincent Alan,	*Mason City, Ia.*
Force, Oreis Orville, Ph. B., Hillsdale College.	*Pardeeville, Mo.*
Fox, Charles Marion,	*Lagrange.*
Francis, Charles Haven,	*New Lenox.*
Gates, Dana L.	*Lena.*
Geyer, Clarence Winfred,	*Aurora.*
Gilbert, Alson Reeder,	*Emington.*
Goldsmith, Alexander Aaron,	*Chicago.*
Greene, Ronald A.	*Salt Lake City, Utah.*
Harriman, Tim G.	*Hampton, Ia.*
Herdien, Elmer Forrest,	*Galva.*
Holmes, Raynor Elmore,	*Chicago.*
Hopkins, Clarence Whittingham,	*Chicago.*
Jones, Charles Rutgar, Ph. G., University of Iowa.	*Ft. Madison, Ia.*
Jordan, Peter Andrew, A. B., University of South Dakota.	*Vermillion, S. D.*
Kinnaird, William,	*McGregor, Ia.*
Lamborn, William Henry,	*Lawrence, Neb.*
Lehnhoff, Henry John, A. B., University of Nebraska.	*Gammill, Neb.*
Lespinasse, Victor Darwin,	*Chicago.*
Lewis, James Lang, A. B., Knox College.	*Joliet.*
Maclay, Otis Hardy, B.S., Northwestern University.	*Chicago.*
Mandel, Milton,	*Chicago.*
Miller, A. Merrill,	*Piper City.*
Miller, Hugh Munro,	*Owen Sound, Ont.*
Mills, Patrick E.,	*Beloit, Wis.*
Noble, Robert Avery,	*Bloomington.*
Parker, Albert,	*Harvey.*
Payne, William Henry,	*Ivanhoe.*
Pearson, Norman,	*Pontiac.*
Persons, John Reed,	*Delaware, O.*
Ransmeier, Robert Edmund,	*Murphysboro.*
Rudolf, Alexander James,	*Juneau, Wis.*
Ryan, John Joseph, B.A., Williams College.	*N. Adams, Mass.*
Smith, Charles Edgar,	*Beloit, Wis.*
Snyder, Karl Forbes,	*Riverside.*

Stevenson, Byron Le Roy,	*Hunters, Wash.*
Streeter, Edward Clark, A. B., Yale.	*Chicago.*
Thomas, William O.	*Harrison.*
Tillisch, John Henry,	*Chicago.*
Tower, John Ballard, B.A., Washburn College.	*Belvue, Kan.*
Van Vorhis, James Harrison, B.S., University of Wisconsin.	*Shullsburg, Wis.*
Walsh, Groesbeck, A.B., St. Ignatius College.	*Chicago.*
Watterson, Walter Hobert,	*Kankakee.*
Wiley, Edwin Hardin, Jr.,	*Charleston.*
Woolsey, Lester E.,	*Living't'nManor, N.Y*
Worthington, Major Henry,	*El Paso.*

THIRD YEAR.

Ackley, Conway Blaine,	*Beloit, Wis.*
Aderhold, Thomas Maze, B.S., Washburn College.	*Valley Falls, Kan.*
Bailey, Jr., Samuel Gordon, B.S., University of Illinois.	*Chicago.*
Balsley, John Allen,	*Joplin, Mo.*
Batcheller, Walter Benson,	*Chicago.*
Becker, William Louis, Ph.G., Northwestern University School of Pharmacy.	*Dubuque, Ia.*
Beehler, Louis L.,	*Manchester, Ia.*
Beilstein, Frederic William,	*Chicago.*
Blackstone, George R.,	*Pennington Point.*
Brennemann, Joseph, Ph. B., University of Michigan.	*Peru.*
Brown, Morrow Duncan,	*Chicago.*
Butt, George Russell,	*Seneca, Kan.*
Cavano, Will M., B.S., Northwestern University.	*Burlington, Wis.*
Chichester, Jacob Gemmill,	*Chicago.*
Cubbins, William Robert, B.S., Centre College.	*Memphis, Tenn.*
Cullen, George Albert,	*Lincoln, Neb.*
Damm, Eugene Francis,	*Ottawa.*
Davis, Ernest Elisha,	*Chicago.*
Du Four, Walter George,	*Chicago.*
Ehmer, Joseph Wilbur,	*Mayville, Wis.*
Everett, Harry Harding,	*Lincoln, Neb.*
Fazen, Louis Edward,	*Racine, Wis.*
Foster, Thomas, A.B., Wooster University.	*Williamsburg, O.*
Frantz, Charles P., B.S., Iowa Wesleyan University.	*Burlington, Ia.*

Germer, James William, Ph.C., *Chicago.*
Northwestern University.
Gilmore, Mark E., Ph.C., *Topeka, Kan.*
University of Kansas.
Haeberlin, John Benjamin, *Ottawa.*
Halverson, Edward Bernard, *Janesville, Wis.*
Hart, Edson, B.S., *Bloomington.*
Illinois Wesleyan University.
Hawks, Joseph Knowlton P., A.B., *Bloomington.*
Illinois Wesleyan University.
Hollister, John Chamberlain, A.B., *Grand Rapids, Mich.*
Yale University.
Horwitz, Alexander Philip, *Chicago.*
Hultgen, Jacob Frederick, *Chicago.*
Johannes, Philip William C., Ph.G., *Chicago.*
Northwestern University School of Pharmacy.
Johnson, Hiram Conover, *Fond du Lac, Wis.*
Kallenberg, Henry Frederick, Ph.B., *Chicago.*
Iowa State University.
Kerr, Ellis Kirk, A.M., *Chicago.*
Northwestern University.
Long, Harry Wadsworth, *Escanaba, Mich.*
Louis, Ike, *Chicago.*
McClave, Arthur W., A.B., *Western, Neb.*
University of Nebraska.
McCornack, Peter Daniel, *Traer, Ia.*
McNeill, Henry Iles, Ph.B., *Evanston.*
Northwestern University.
Miller, Frank Russell, *Beardstown.*
Myers, Edward Morrison, A.M., *Mt. Pleasant, Ia.*
Iowa Wesleyan University.
Newell, Frank Fordyce, *Burlington, Wis.*
Packard, Lawrence Ralph, B.A., *Kearney, Neb.*
University of Nebraska.
Pech, Albert, Jr., *Chicago.*
Pretts, William Walter, B.S., *Chicago.*
University of Wisconsin.
Purves, George K., *River Falls, Wis.*
Rall, George Washington, *Cedar Falls, Ia.*
Randall, Clinton Lincoln, *Callao, Mo.*
Reynolds, Ernest Ray, *Grand Haven, Mich.*
Richter, Arthur Jacob, *Chicago.*
Riebel, Ernest C., *Chicago.*
Rubovits, William Henry, *Chicago.*
Rupp, Will, *Calumetville, Wis.*
Sampsell, Isaac Ward, *Caledonia, O.*
Schlieker, Alexander Grant, *Chicago.*
Schram, David Leo, Ph.G., *Chicago.*
Chicago College of Pharmacy.
Scott, Charles Reuben, *Belvidere.*

Staatz, John Harvey,	*Enterprise, Kan.*
Tallman, Claude Addison,	*Chicago.*
Tallman, Homer Hinton,	*Chicago.*
Tarnowsky, George de,	*Chicago.*
Taylor, Clarence Wilbur,	*Chicago.*
Thomsen, Carl,	*Chicago.*
Thorson, Thorval John, B.S., University of Wisconsin.	*Scandinavia, Wis.*
Wenstrand, David Eric William,	*Chicago.*
Wheeler, Roy McMillan,	*Creston.*
Wilkinson, William Willing, B.S., Northwestern University.	*Chicago.*
Williams, Charles Lafayette,	*Lafontaine, Kan.*
Williams, Roy Daniel,	*Antioch.*
Willits, Alfred Joy,	*Michigan City, Ind.*
Wing, Walter Seymour,	*Nashota, Wis.*
Wilson, Henry Kirke,	*Chicago.*
Wright, Sherman Elijah,	*Chicago.*
Wyllys, Henry Amos,	*Kingston.*

FOURTH YEAR.

Armstrong, George Cadawallader,	*Chicago.*
Axtell, Myron Walker, A.B., Washburn College.	*Topeka, Kan.*
Bartran, William Henry, Jr.,	*Green Bay, Wis.*
Baxter, George Edwin, Ph.B., Illinois College.	*Griggsville.*
Beavers, Charles Edward,	*Barry.*
Bennett, Frank Eugene,	*Belvidere.*
Bentley, Robert Samuel,	*Joliet.*
Bilstad, Gunerius Ellsworth, Ph.G., University of Wisconsin.	*Cambridge, Wis.*
Bobb, Earl Victor,	*Mitchell, S. D.*
Bokhof, Clayton Herman,	*Rock City.*
Brown, Gates Munro,	*Ames, Ia.*
Brown, Harry Cortland,	*Denver, Col.*
Brown, John Reynolds, B.S., Augustana College.	*Chicago.*
Carlton, Edward Perkins, B.S., University of Wisconsin.	*Madison, Wis.*
Chapin, Charles Walvin,	*De Land.*
Church, Charles Glenn,	*Maryville, O.*
Churchill, Alfred Henry,	*Libertyville.*
Cutler, John Calvin,	*Grand Rapids, Mich.*
Daly, William Thomas,	*Elkader, Ia.*
Davis, Achilles, Ph.B., Northwestern University.	*Lowell, Ind.*

Day, Howard Woods,	*Lincoln, Neb.*
Dennis, George James, M.D., D.D.S., Miami Medical College and University of Mich.	*Chicago.*
Dwelle, Elmer Hinman,	*Northwood, Ia.*
Fetherston, Ernest A.,	*Milton, Wis.*
Fiebiger, George John,	*Deansville, Wis.*
Finney, William Harrison,	*Clintonville, Wis.*
Fralick, Ralph Simcoe,	*Chicago.*
Goll, Alfred George,	*Stryker, O.*
Gray, Frank Davis,	*Lisbon, N. Y.*
Harder, Henry,	*New Holstein, Wis.*
Hepburn, Alexander Hoyt,	*Eau Claire, Wis.*
Haskell, Hiram Abiff,	*Chicago.*
Hess, Julius,	*Chicago.*
Hogue, Gustavus Ingomar,	*Chicago.*
Horner, Charles Perry,	*El Paso.*
Howard, Burt Foster,	*Glencoe.*
Jackson, Arthur Dudley,	*Chicago.*
Jennings, George D., B.S., University of Michigan.	*Tonica.*
Kanavel, Allen Buckner, Ph.B., Northwestern University.	*Sedgwick, Kan.*
Kilbourne, Edwin Dearborn,	*Chicago.*
Leith, Samuel Stephenson,	*Kirkwood, Wis.*
Mason, John Edward,	*Chesterville.*
McCormick, Ferdinand Claudius,	*Normal.*
Miller, Johannes Jacobus,	*Ackley, Ia.*
Miller, Sumner Marcy, A.B., Northwestern University.	*Peoria.*
Morison, James Richard, Ph.B., University of Iowa.	*Traer, Ia.*
Morse, Arthur W., A.B., Leland Stanford University.	*Odell.*
Redshaw, Benjamin Franklin,	*Merritt.*
Richman, Silas Feris, A.B., M.D., De Pauw University and Medical College of Ind.	*Chicago.*
Ruehl, Max C.,	*Decatur.*
Schmidt, William John Charles,	*Lomira, Wis.*
Schoenfeld, Charles Joseph,	*Chicago.*
Schultz, Samuel, Ph.B., Albion College.	*Lansing, Mich.*
Sissakian, Arsen H., Ph.G., Northern Indiana Normal School.	*Constantinople, Turkey.*
Skinner, William,	*London, Ont.*
Smith, Edgar Allen,	*Carbondale.*
Steffens, Joseph Ward, B.S., Carleton College.	*Racine, Minn.*
Stephen, Herman Ernest,	*Joliet.*

Stevens, Charles A.,	*Leigh, Neb.*
Thomson, William Johnstone,	*Chicago.*
Tupper, George, B.S., University of Michigan.	*Kaneville.*
Tyrrell, William Davis,	*Elgin.*
Wagner, Guy Watts, Ph.G., Northwestern University.	*Chicago.*
Washburn, James Murray, B.S., Harvard University.	*Kansas City, Mo.*
Worden, John Edward,	*Tacoma, Wash.*

LIST OF SPECIAL STUDENTS.

Alexander, William G., B.S., De Pauw University.	*Evanston.*
Beans, Lou Wesley,	*Salt Lake City, Utah.*
Bender, William Fred,	*Chicago.*
Boas, Arthur William,	*Chicago.*
Bonney, Oliver Horace,	*Fairmont, Minn.*
Bowles, Edmund J.,	*Chicago.*
Boyle, Peter John,	*Darlington, Wis.*
Brumund, Diederick Adam,	*Chicago.*
Caldwell, S. Hutson, M.D.V., McKillip Veterinary College.	*Chicago.*
Casey, James, R.Ph.,	*Chicago.*
Clancy, Marshall Grant,	*Chicago.*
Collins, Lorin Cone, III,	*Chicago.*
Cross, Percy George,	*Chicago.*
Crown, Frank Anton C.,	*Evanston.*
Fisk, John T.,	*Plainview, Minn.*
Fyfe, Malcom B.,	*Chicago.*
Garrison, Frederick Franklin,	*Jacksonville.*
Gumm, Albert Gotlieb, B.S., Northern Indiana Normal School.	*Paris.*
Harrington, Harry Bovard,	*Chicago.*
Kercher, John,	*Chicago.*
Koehler, Gottfried Henry Charles, Ph.G., Northwestern University School of Pharmacy.	*Orland.*
McClenehan, Henry Stuart,	*Chicago.*
Murphy, Daniel Edward,	*Joliet.*
Oakley, Robert William, Ph.C., Northwestern University.	*Chicago.*
Poska, Abraham,	*Lincoln, Neb.*
Price, Charles Jacob,	*Forreston.*
Quick, James Burgess,	*Calumet, Mich.*
Raber, Ralph L.,	*Corunna, Ind.*
Roberts, Will H., Ph.G., Northwestern University.	*Calumet, Mich.*

Shaw, John Warren,	*Chicago.*
Short, Ernest Alden,	*Chicago.*
Smith, Linden P.,	*Chicago.*
Thornton, David,	*Chicago.*
Wegener, Albert Benjamin, B. S., University of Tennessee.	*Chicago.*
West, Fred,	*Chicago.*
Williams, Robert James,	*Siloam, W. Va.*
Wilson, Robert John,	*Chicago.*
Wise, John M.,	*Freeport.*
Yates, Clarence William,	*Chicago.*
Zbornik, Frank,	*East Islip, N. Y.*

THE LAW SCHOOL.

GRADUATE STUDENTS.

Bethel, Walter A., Lieut. U. S. A.,
Graduate U. S. Military Academy; B.L., Atlanta Law School; M.L., Columbia University.

Demmon, Stephen, LL.B., *Chicago.*
Northwestern University.

THIRD YEAR STUDENTS.

(Candidates for graduation in 1899.)

REGULAR STUDENTS.

Barber, Cameron, *Chicago.*

Bishop, James Franklin, *Evanston.*

Brown, Vernelle Freeland, *Chicago.*

Brucker, Ralph, *Chicago.*

Cahn, Bertram Joseph, A.B., *Chicago.*
Yale University.

Campbell, David Tweedie, *Chicago.*

Canfield, Horace, A.B., *Chicago.*
Harvard University.

Catherwood, Robert Karl Scott, B.S., *Hoopeston.*
Northwestern University.

Crossley, Frederic Beers, *Honesdale, Pa.*

Elder, Charles Byrd, *Chicago.*

Feeney, Barnard Cyril, *Rochester, Minn.*

Fetzer, William Ray, *Leonore.*

Frahm, Hattie Belle, *Tuscola.*

Heideman, Edwin Fred, *Elmhurst.*

Herbst, Charles Frederick, Jr., *Wapakoneta, Ohio.*

Kilgour, William, *Chicago.*

King, Charles Homer, A. B., *Waukegan.*
Northwestern University.

Koepke Charles Albert, *Chicago.*

Kropf, Richard Edward, A.B. *Richland, Kan.*
Washburn College.

Lasker, Isidore, *Chicago.*

Laughlin, Daniel Francis, *Chicago.*

Manley, Benjamin Franklin, *Alden.*

Manierre, George Willard, *Chicago.*
McConahey, James McConnell, B.S., *Pittsburg, Pa.*
Washington and Jefferson College.
Moss, David Hickman, Jr., *Paris, Mo.*
Ohlerich, Albert Frederick William, *Elmhurst.*
Oswald, Hugo Edmund, *Chicago.*
Pell, William John, B.S., *Oak Park.*
Carleton College.
Petteys, John Gordon, *Chicago.*
Rawson, Marie, *Princeton.*
Ross, Carl Abraham, A.B., *Lower Waterford, Vt.*
Harvard University.
Rydell, Oscar Ferdinand, *Chicago.*
Sheppard, Robert Loring, Ph.B., *Evanston.*
Yale University.
Stelck, Henry, *Rock Island.*
Stephens, Redmond Davis, A.B., *Chicago.*
Harvard University.
Vennum, Thomas Gaylord, A.B., *Watseka.*
Yale University.
Wales, Henry Whitwell, Jr., Ph.B., *Chicago.*
University of Chicago.
Worthy, Sidney Winsor, *Chicago.*
Whitlock, Royal Joseph, Ph.B., *Evanston.*
Northwestern University.

SPECIAL STUDENTS (THIRD YEAR).

Brown, James Scott, A.B., *Chicago.*
University of Chicago.
Buckthorpe, Thomas Henry, Ph.B., *Jacksonville.*
Illinois College.
Coolidge, Clarence Argyle, Ph.B., *Niles, Mich.*
University of Michigan.
Fish, Clarence Everett, Ph.B., *Chicago.*
University of Chicago.
Gwin, James Madison, Ph.B., *Chicago.*
University of Chicago.
Lackner, Edgar Cranfield, Ph.B., *Aurora.*
University of Chicago.
Martin, Edward Hiram Storms, Ph.B., *Chicago.*
University of Michigan.
McCarthy, William Daniel, *Ponca, Neb.*
Meigs, William Harlan, LL.B., *Silver Springs, Ark.*
Mo. State University.
Miller, Henry Giles, Jr., A.B., *Chicago.*
Yale University.
Mitchell Francis Joseph Ross, A.B., *Evanston.*
Northwestern University.
McCornack Walter Edwin, B.S., *Chicago.*
Dartmouth College.
Rice, Elbridge Washburn, Ph.B., *Pontiac.*
University of Chicago.

Sampsell, Marshall Emmett, A.B., *Chicago.*
Univetsity of Chicago.
Smith, Milton Alexander, *Chicago.*
Whitney, Fred Brown, A.B., *Waukegan.*
Williams College.
Yaple, Edward Lewis, B.S., *Mendon, Mich.*
Kalamazoo College and University of Chicago.

SECOND YEAR STUDENTS.

(Candidates for graduation in 1900.)

REGULAR STUDENTS.

Bibo, Max Sholem, *Paris.*
Borgmeier, Adolph John, *Chicago.*
Catlin, Louis Robert, *Sugar Grove.*
Condee, Ralph Waterbury, *Chicago.*
Earle, George, *Chicago.*
Fegtley, Samuel Marks, Ph.B., *Nevada, Ia.*
Northwestern University.
Gearon, John Ambrose, A.B., *Chicago.*
Creighton University.
Goodman, Charles Augustus, A.B., *Chicago.*
University of Chicago.
Gray, Charles Harry, *Chicago.*
Hunt, Charles Lathrop, *St. Charles.*
Irwin, Royal Wentworth, *Chicago.*
King, Robert Allen, *Chicago.*
King, William Joseph, A.B., *Chicago.*
St. Mary's College.
Lough, Clarence Roland, *Chicago.*
Marsh, Edwin Franklin, *Chicago.*
Meloy, Robert Bingham, A.B., *Chicago.*
University of Chicago.
Morley, Walter Kelly, *Chicago.*
Napheys, Horace Kisterbock, *Chicago.*
Patterson, Stewart, A.B., *Chicago.*
Yale University.
Rodenberg, Albert David, A.B., *Decatur.*
Central Wesleyan College.
Rothschild, Isaac Solomon, Ph.B., *Chicago.*
University of Chicago.
Savage, John Howard, *Marley.*
Schaffner, Walter, *Chicago.*
Senseman, Thomas Lueders, *Burlington, Ia.*
Thommasson, Leonard, *Chicago.*
Thompson, Benjamin Franklin Carver, A.B., *Chicago.*
Yale University.
Timke, Julius Jacob, *South Elmhurst.*

Wing, Edwin Willitts, *Elgin.*
Young, Nelson Lyman, *Chicago.*

SPECIAL STUDENTS (SECOND YEAR).

Barnett, Ellis Richard, *Clinton, Ill.*
Branson, Edward Regnier, *Petersburg.*
Goodwin, George Benjamin, A.B., Northwestern University. *Milwaukee, Wis.*
Herdien, Walter Laurance, A.B., Northwestern University. *Galva.*
Jackson, Andrew Oliver, A.B., Lake Forest University. *Lake Forest.*
Kralovec, Otto John, *Chicago.*
Latimer, Johnathan Guy, B.S., Knox College. *Abingdon.*
Millard, Everett Lee, A.B., Harvard University. *Highland Park.*
Neff, George, *Chicago.*
Page, Cecil, Ph.B., University of Chicago. *Chicago.*
Patton, John McMillan Stevenson, A.B., Princeton University. *Princeton.*
Waterman, Howard Wayne, A.B., Harvard University. *Chicago.*

FIRST YEAR STUDENTS.

(Candidates for graduation in 1901.)

REGULAR STUDENTS.

Adcock, Edmund David, A.B., Knox College. *Utah.*
Allen, George, *Scales Mound.*
Allen, William, *Scales Mound.*
Arthur, Helen, *Chicago.*
Ayer, Alvin Clarence, *Chicago.*
Baldwin, George Benjamin, A.B., Lawrence University. *Appleton, Wis.*
Brenner, John George, *Kinmundy.*
Bryant, John Morrison, Jr., *Chicago.*
Burchell, Francis William, *Chicago.*
Cook, Raymond Capron, A.B., Brown University. *Woonsocket, R. I.*
Coy, Harry Irus, A.B., University of Chicago. *Chicago.*
Demareth, Nicholas J., *Ohio.*
Field, Robert Leslie, *Chicago.*
Galt, Arthur Thomas, A.B., Yale University. *Chicago.*
Gilbert, Barry, *Cairo.*
Gould, Robert Gordon, *Hinsdale.*

Greenbaum, Julius Curtis, Ph.B., *Chicago.*
University of Chicago.
Hale, William Browne, A.B., *Chicago.*
Yale University.
Hamilton, George Henry, B.S., *Watseka.*
Olivet College; A. B. Harvard University.
Harrington, Howard Woodford, *Watseka.*
Hester, Hugh Clare, *Indianapolis, Ind.*
Howard, Frank Clarence, *Dartford, Wis.*
Huppers, Harry Charles, *Beardstown.*
Huston, Wendell, Ph.B., *Blondinsville.*
Drake University.
Johannes, Edward Felix, *Chicago.*
Johnson, Amanda, A.B., *Chicago.*
University of Wisconsin.
Johnson Quintard, B.S., *Chicago.*
Amherst College.
Kimbark, Daniel Avery, *Evanston.*
Lederer, Charles, Ph.B., *Chicago.*
University of Chicago.
McNett, Frank Waren, *Evanston.*
Meyer, Sidney, *Chicago.*
Miller, George Haven, *Evanston.*
Moorhead, Forest George, *Fredonia, Pa.*
Otis, William Kitchen, A.B., *Kenilworth.*
Harvard University.
Patterson, Theodore Hiram, *Chicago.*
Pawlithes, Peter, *Chicago.*
Rawlins, Edward William, *Evanston.*
Richards, Louis, Ph.G., *Richards.*
Northwestern University.
Schafer, Walter Robert, *El Paso.*
Smith, Edwards Hargrave, Ph.B., *Beaver Dam, Wis.*
Colgate University.
Street, Norman Arthur, A.B., *Chicago.*
Yale University.
Sullivan, Percy, *Chicago.*
Swett, Frank Wentworth, *Chicago.*
Thompson, Frank James, *Chicago.*
Tinan, Patrick Bernard, *Chicago.*
Trumbull, Donald Shurtleff, A.B., *Chicago.*
University of Chicago.
Utloff, Hermann Conrad, *Peru.*
Watson, George Balderston, *Chicago.*
Wolff, Fred Harry, *Chicago.*
Weber, Charles, A.B., *Chicago.*
University of Chicago.
Ward, Clifton Trask, B.S., *Lowell.*
Northwestern Normal College.
Wing, Frederick Merritt, *Evanston.*

SPECIAL STUDENTS.

(Not candidates for a degree.)

Austin, Andrew Douglas,	*Milwaukee, Wis.*
Chapin, Homer Coolidge,	*Niles, Mich.*
Cleveland, Don,	*Newark.*
Dibell, Charles Dorrance, A.B., University of Chicago.	*Joliet.*
Hagerty, Paul Lamont,	*Rochelle Park, N. J.*
Hockberger, William,	*Chicago.*
Holden, William Moody, B.L., University of Virginia.	*Chicago.*
Honegger, Peter,	*Romono, S. D.*
Koontz, Nathan Philip,	*Sterling, Kan.*
Pisha, Joseph Charles,	*Chicago.*
Shurtleff, Walter Henry,	*Austin.*
Spooner, Frank Valletho,	*Chicago.*
Sutton Charles,	*Canton.*
Turner, Frank, Jr.,	*Chicago.*
Worthy, Willis Brainard,	*Chicago.*

THE SCHOOL OF PHARMACY.

COURSE FOR THE DEGREE OF PHARMACEUTICAL CHEMIST.

Bangert, Louis Edward,	*Peru.*
Eaton, Roy Tuttle,	*Watsonville, Cal.*
Koch, Adolph Charles,	*Maryville, Mo.*
McLean, Claire French,	*Urbana.*
Merrill, Will Garrison,	*Sparta, Wis.*
Raquet, Emil Hartman,	*Aurora.*
Schiek, Jacob Gabriel,	*Chicago.*

COURSE FOR THE DEGREE OF GRADUATE IN PHARMACY.

SENIORS.

Allemong, Harry Milton,	*Lanark.*
Bangert, Louis Edward,	*Peru.*
Becker, Caroline Mary,	*Elkader, Ia.*
Bell, Edward,	*Millbrig.*
Blaesser, Walter Andrew,	*Hawarden, Ia.*
Bodenschatz, John,	*Lemont.*
Bornhoeft, John Edward Henry,	*Chicago.*
Brock, Humphrey David,	*Chicago.*
Brown, Fred Edgar,	*Sterling.*
Brown, Leonard George,	*Eugene, Ore.*
Burger, Albert,	*Chicago.*
Burdick, Orson Arthur,	*Chicago.*
Butler, Francis Joseph,	*Pontiac.*
Christensen, Frits Walter,	*Racine, Wis.*
Cohn, Bert William,	*Peru, Ind.*
Corr, Edward,	*Salix, Ia.*
Coyner, William Robert,	*Rockford.*
Culbertson, Allie Maud,	*Danvers.*
Cutler, Charles Clarence,	*Ft. Madison, Ia.*
Da Costa, Albert Raphael, Jr.,	*Chicago.*
Davis, William Ward,	*Libertyville.*

Dee, Charles Oscar,	*Ogden, Utah.*
Donaldson, Willard,	*Chicago.*
Downing, David Thompson,	*Wooster, Ohio.*
Druehl, Walter Frank,	*Salt Lake City, Utah.*
Dudenbostel, Louis Ernst,	*Campbell Hill.*
Eaton, Roy Tuttle,	*Watsonville, Cal.*
Eilers, Gustav Herman,	*Oshkosh, Wis.*
Elsner, Fred Hamroad,	*Chicago.*
Fallon, Charles Milton,	*Hot Springs, S. D.*
Fussey, Alfred Louis,	*Chicago.*
Gothard, James,	*Chicago.*
Grenier, Achille Bettridge,	*Racine, Wis.*
Grube, Alfred,	*Sheboygan, Wis.*
Hackrott, Henry George,	*Ackley, Ia.*
Harkison, Charles Shepard,	*Aurora.*
Hawley, William Dorrance,	*Coldwater, Mich.*
Higgins, Raymond Jordan,	*Chicago.*
Humphreys, Maude,	*Sioux City, Ia.*
Hutchison, Andrew Alexander,	*Milltown, Me.*
Hutzel, Joseph Charles,	*Fort Wayne, Ind.*
Illing, William August,	*Evansville, Ind.*
Janett, Martin,	*Sheboygan, Mich.*
Jayne, Edwin,	*Muscatine, Ia.*
Jehlik, Anton Josef	*Chicago.*
Jertelius, Henry,	*Chicago.*
Jones, David Ambrose,	*Williamsbuag, Ia.*
Jones, Benjamin Edwin,	*Portland, Wis.*
Jones, Thomas Owen,	*Rewey, Wis.*
Koch, Adolph Charles,	*Maryville, Mo.*
Koehler, Gottfried Henry Charles,	*Orland.*
Kremer, Berthold James,	*Fond du Lac, Wis.*
Lee, Henry Cooley,	*Chicago.*
Lewis, Charles Frederick,	*Belvidere.*
Littlefield, Charles Edward,	*Dallas, Tex.*
Littler, Charles Alvador,	*Marion, Ind.*
Lockhart, Carl Wright,	*Elo, Wis.*
Lott, Harvey Vansyckle,	*Elmwood.*
Mackie, William Robert,	*St. Louis, Mo.*
Marean, William Andrew,	*Freeport.*
Marshall, Thomas Eggleston,	*Ripon, Wis.*
Matthiesen, John Christian,	*Clinton, Ia.*
McConochie, Hubert,	*Cambria, Wis.*
McLaughlin, Clell J.	*Monticello, Ia.*
McLean, Claire French,	*Urbana.*

Meyer, Walter Paul,	*Morton, Minn.*
Mikkelsen, Niels,	*Nysted, Neb.*
Miller, Ralph Dobson,	*Greenville, Tenn.*
Miller, William Edgar	*New Buffalo, Mich.*
Moran, Thomas Francis,	*Waukesha, Wis.*
Morehead, Frank Addison,	*Watsonville, Cal.*
Morton, Charles Webster,	*Mattoon.*
Mosier, David Clark,	*Atlantic, Ia.*
Neumann, Adolph,	*Dubuque, Ia.*
Newman, Hardy,	*Chicago.*
Newman, Michael,	*Chicago.*
Nilsson, Edmund Walter,	*Chicago.*
Oellrich, Herman Theodore,	*Chicago.*
Orth, Charles Henry,	*Morton, Minn.*
Perkins, George Young,	*Paris.*
Potter, Herbert Leveret,	*Eddy, N. M.*
Preisendorfer, Adam John,	*Defiance, O.*
Radke, George Julius,	*Manistee, Mich.*
Rich, Clifford Lewis,	*Buffalo, N. D.*
Riesen, Walter Paul,	*Milwaukee, Wis.*
Rodgers, Frank,	*Watsonville, Cal.*
Schroeder, George Fred Carl,	*Chicago.*
Sheppard, Samuel Henry,	*Mt. Pleasant, Ia.*
Smith, Francis Clement,	*Avon.*
Sperling, Frank,	*Bushnell.*
Steadman, Prescott Lawrence,	*La Jara, Colo.*
Steiner, Noah Webster,	*Morrison.*
Stephan, Otto,	*Dixon.*
Stevens, Lona E.,	*Denver, Colo.*
Stocker, George Absalom,	*Pana.*
Streich, Edwin August,	*Oshkosh, Wis.*
Striegel, John Peter,	*Waterloo, Ia.*
Supp, Louis,	*Chicago.*
Taylor, Justus Earl,	*Gridley.*
Thomas, Albert Raymond,	*Plato Center.*
Viestenz, Rudolph Ferdinand,	*Arthur, N. D.*
Ward, William Henry,	*Manchester, Ia.*
Watz, Herman George,	*Saginaw, W. S., Mich.*
Westcott, Charles Edward,	*Chillicothe.*
Whiteside, John Claxton Burroughs,	*Edwardsville.*
Wilson, George Baright,	*Los Angeles, Cal.*
Williams, Samuel William,	*Columbus, Wis.*
Windeguth, Edward Henry,	*Chicago.*
Wolford, George Franklin,	*Plymouth, Ind.*

Woolston, Alvah Stevens,	*Clinton, Wis.*
Woolley, Ida Margaret,	*Streator.*
Wright, John Franklin,	*Canon City, Colo.*
Yeo, Norman Hoskin,	*Hallock, Minn.*
Yerger, Charles Francis,	*Chicago.*
Young, John Wilson,	*Jacksonville.*

JUNIORS.

Adams, Arthur Elewood,	*Chicago.*
Allen, Harry Wilber,	*Lima, O.*
Bacon, George Jerome,	*Somonauk.*
Baker, Louis Guy,	*Covington, Ind.*
Beck, Fred Oswald,	*Clinton, Ia.*
Bell, Claudius De Witt,	*Chicago.*
Blu, Harry,	*Milford.*
Bollenbach, George William,	*Galesburg.*
Bond, Harry England,	*Mt. Vernon.*
Bourns, William Livingstone,	*San Jose, Cal.*
Brashears, John Willis,	*Chicago.*
Brennan, Frank,	*Alliance, Neb.*
Broman, August John,	*Cambridge, Neb.*
Brown, Arthur Asbury,	*Chicago.*
Burnell, Mrs. Eliza Woolley,	*Streator.*
Busse, William Fredrick,	*Alton.*
Casteel, Robert,	*Marshall.*
Clouse, Grace,	*Hope, Ind.*
Colaw, Orrie Omer,	*Rest, Kan.*
Cortright, Charles Nathan,	*Dixon.*
Criswell, Lizzie,	*Chicago.*
Danek, Eric Jacob,	*Chicago.*
Daniel, William Andrew,	*Hogansville, Ga.*
Detrick, Hiram E.	*York, Neb.*
Dewell, Maud,	*Cushing, Ia.*
Dewey, Anson Cyrus,	*Hemlock, Wis.*
Diehl, Herman,	*Lanark.*
Doggett, Lucy Frances,	*McKinney, Tex.*
Dorr, Harry Arthur,	*Table Grove.*
Dulaney, Joseph Field,	*McKinney, Tex.*
Easley, John Robert,	*Alexandria, Neb.*
Edelman, Frank James,	*Chicago.*
Eder, George Joseph,	*Crown Point, Ind.*
Elsner, Fred Hamroad,	*Chicago.*
Fallon, Charles Milton,	*Hot Springs, S. Dak.*
Fetherston, Samuel Hutchinson,	*Chicago.*
Flanders, Ruth Eunice,	*Elkhorn, Wis.*

Frank, Joseph Samuel,	*Chicago.*
Garlick, Jedediah,	*Fairview, Utah.*
Giffen, Roy R.	*Fowler, Cal.*
Goff, William Willis,	*Beaulieu, N. Dak.*
Grace, Paul,	*Harrisburg.*
Gregg, Thomas Duncan,	*Harrisburg.*
Griffith, Edward Luke,	*Farm Ridge.*
Grotjan, Frederick Samuel,	*Rock Island.*
Hamer, George Henry,	*Park Ridge.*
Hawley, Robert Coleman,	*Mound City.*
Heath, Bert Orcutt,	*Newfield, N. Y.*
Hebsacker, Carl L.	*Cairo.*
Helm, George Herbert,	*Algonquin.*
Hennig, Charles Herman,	*Oshkosh, Wis.*
Hensley, Harry Yates,	*Clinton.*
Hewitt, Howard H.	*Chenoa.*
Hoffman, Robert Perry,	*Bloomington.*
Hofmann, Frank Phillip,	*Ottumwa, Ia.*
Hoke, Volney George,	*Morris, N. Y.*
Hoover, Judson Wilkes,	*Mt. Pleasant, Ia.*
Hunsaker, Edmund Franklin,	*Liberty.*
Jackson, Harry A.	*Aledo.*
Jackwitz, Norden,	*Decorah, Ia.*
Jewell, Bert,	*Dodgevlle, Wis.*
Jewell, Edward Hill,	*Thompson, Mich.*
Julian, Harry William,	*Leland.*
Kampman, William,	*Chicago.*
Keeler, Walter Centennial,	*Freeport.*
Kidder, Thomas Chase,	*Monica.*
Klossoski, Frank John,	*Chicago.*
Knick, William John,	*Chicago.*
Lambrecht, John Richard,	*Chicago.*
Lamm, John Joseph,	*Decorah, Ia.*
Lemke, Charles Herman,	*Chicago.*
Le Saulnier, Albert Frederick,	*Red Bud.*
Levering, Morgan Alexander,	*Mt. Gilead, O.*
Loesing, August Christian,	*Sheboygan, Wis.*
Lutz, John Erwin,	*Puyallup, Wash.*
Marquette, Will George,	*Watertown, Wis.*
McComb, Ernest Hubert,	*Lebanon, Mo.*
Meehan, Louis Florence	*Waterloo, Ia.*
Merritt, Clyde Alvin,	*Meadville, Pa.*
Meyer, Walter Paul,	*Morton, Minn.*
Meyer, Edouard George,	*Chicago.*

Miller, Carroll Morton,	*Laurens, S. C.*
Morrison, John Adam,	*Table Grove.*
Mott, Dana Willis,	*Chicago.*
Mueller, William Daniel,	*Chicago.*
Muesse, Fred William,	*Lancaster, Wis.*
Norton, Paul Stewart,	*Normal.*
Nuetzel, John George,	*Chicago.*
Oldberg, Olga,	*Chicago.*
O'Leary, Daniel James,	*Chicago.*
Pease, Everett J.	*Lowell, Wis.*
Peck, David Ransford,	*Waldo, Wis.*
Prindle, Charles W.	*Sharon, Wis.*
Reaugh, George,	*Rock Island.*
Reed, Frederick Glyde,	*Quincy.*
Reed, Walter Henry,	*Corning, N. Y.*
Renaud, Joseph Thomas Ubald,	*Perth, Ont., Can.*
Reynolds, Albert,	*Austin, Minn.*
Robinson, Fred Stephen,	*Armstrong, Ia.*
Roby, George Hewitt,	*Chicago.*
Roemer, Herman,	*Mt. Pulaski.*
Rose, William Ernest,	*Harrisburg.*
Schmidt, Hugo,	*Oshkosh, Wis.*
Selby, James Joseph,	*Peoria.*
Serr, Peter L.	*Scotland, S. Dak.*
Shaffer, Sadie,	*Redfield, Mich.*
Snider, Ralph Warren,	*Peoria.*
Soleman, Fred Armstrong,	*Tama, Ia.*
Stewart, David Everett,	*Greenwood, Wis.*
Street, Sidney Beman,	*Columbus, Miss.*
Talty, Nicholas Peter,	*Waterloo, Ia.*
Vasumpaur, Rudolph Robert,	*Chicago.*
Wachowski, John George,	*Chicago.*
Walbridge, Ernest Lucien,	*Beloit, Wis.*
Weaver, Harold Townsend,	*Schuyler, Neb.*
White, John Franklin,	*Chicago.*
White, James W.	*Chicago.*
Wickmann, Ludvig Frederik v. Buelow,	*Chicago.*
Woelke, Edward Charles,	*Chicago.*
Wold, Walter Edward,	*Austin, Minn.*
Wright, George Irving,	*Klamath Falls, Ore.*
Wright, Walter Woodruff,	*Adrian, Mich.*
Zerbst, Edward Andrew,	*St. Joseph, Mo.*
Zillig, John Adam, Jr.,	*Dubuque, Ia.*
Zinn, Herman,	*Oshkosh, Wis.*

THE DENTAL SCHOOL.

FRESHMAN CLASS.

Ackerman, Charles,	*Brighton Park.*
Akers, John Rankin,	*Des Moines, Ia.*
Allison, Richard J.,	*Spokane, Wash.*
Anderson, Morley W.,	*Wetmore, Mich.*
Austin, Emery R.,	*Jones, Mich.*
Austin, John Franklin,	*Dowagiac, Mich.*
Baasen, John B.,	*New Ulm, Minn.*
Baldwin, Arthur,	*Joliet.*
Baldwin, James Otho,	*Springfield.*
Barker, Albert Wesley,	*Chicago.*
Bartlett, Thomas Dell,	*Emery.*
Beadle, Robert Oscar,	*Quincy.*
Behm, Louis, John,	*Grand Haven, Mich.*
Benson, Joseph Lambert,	*Magnolia, Ia.*
Bevan, James Ambrose,	*Kankakee.*
Bishopp, John Alfred,	*Sheldon.*
Blair, William Frederick,	*Pine River, Canada.*
Bouanchaud, Alcide,	*New Roads, La.*
Boughton, Robert Lathrop,	*Chicago.*
Boyd, Lynn Bucklen,	*Cassopolis, Mich.*
Bradshaw, Duane Franklin,	*Jefferson, Ia.*
Brock, Harry Marton,	*Coal City.*
Brown, Ferdinand V. Garretson,	*Sioux City, S. D.*
Burhans, Percy Alexander,	*Chicago.*
Burkhart, Charles H.,	*Liscomb, Ia.*
Butler, Josephine,	*Chicago.*
Butturff, Rolla Walter,	*Wadena, Minn.*
Carr, Samuel Lester,	*Epworth, Ia.*
Chapman, Wesley Harrison,	*Waukesha, Wis.*
Cogley, Peter,	*Eanmet, Mich.*
Coleman, Thomas,	*Chicago.*
Collins, George Merrill,	*Braidentown, Fla.*
Conley, Winifred,	*Cazenovia, Wis.*
Condaxopoulos, Elias Achilles,	*N. Smyrna, Turkey, Asia.*

Copple, Enos Eli,	*Fullerton, Neb.*
Corbitt, George Burris,	*Verschoyle, Ont.*
Couvrette, George Joseph,	*Crookston, Minn.*
Cummins, Frank Lawrence,	*Plattsmouth, Neb.*
Cromb, John Rutherford,	*Crookston, Minn.*
Daly, Thomas Hogan,	*Nora.*
Day, Ernst Walter,	*Austin, Minn.*
Deitch, Frank,	*St. Joseph, Mich.*
Dennis, Irving Eugene,	*Emerald Grove, Wis.*
Donahue, Michael Albert,	*Chicago.*
Dullam, Manley Stewart,	*Flint, Mich.*
Engle, George,	*El Paso, Cal.*
Emery, Newton Wesley,	*Summitt, S. D.*
Ercanbrack, William Claude,	*Elburn.*
Falloon, William Henry,	*Sawyerville, Que.*
Fawcett, Arthur Clayton,	*Marion, Minn.*
Frank, William Joseph,	*Pepin, Wis.*
Gansel, Alvin R.,	*West Bend, Wis.*
Garrett, Frank M.,	*Chicago.*
Gilchrist, Harry Alexander,	*McDonalds Corner, New Brunswick.*
Gillespie, Frank M.	*Holland, Mich.*
Gilmore, John Michael,	*Lucknow, Ont.*
Gordon, Howard Edwin,	*Hobart.*
Griffith, Ronley Allen R.,	*Chicago.*
Gritsner, Silas Arthur,	
Hacker, Albert Charles,	*Hartford, Wis.*
Hadfield, Harry Cook,	*Chicago.*
Hanna, Edward Alphonso,	*Chicago.*
Hawkes, Arthur John,	*Kewanee.*
Hays, Thomas Albert,	*Springfield, Minn.*
Heisey, David Judson,	*Monticello, Ia.*
Henline, Buell,	*Towanda.*
Hickman, Herbert Eugene,	*La Porte, Ind.*
Hines, Frank Benjamin,	*Pontiac.*
Holaday, Stanley,	*Lake View, Ia.*
Holmes, Fred William,	*Shabbona.*
Hatfield, Homer R.,	*York, Neb.*
Homlin, Oscar Serenus,	*Rockford.*
Hopwood, Olive C.,	*Kearney, Neb.*
Hotch, Louis Grant,	*Carthage.*
Howat, Aleck Densmore,	*Braidwood.*
Hughes, David John,	*Harvey.*
Hull, Elmore Thellus	*Fort Atkinson, Wis.*

Ireland, Ora Dell,	*Monmouth, Ore.*
Jewell, George Clarence,	*Bloomington.*
Jones, Carl L.,	*Richland Center, Wis.*
Jordan, William Henry,	*Howard, S. D.*
Kennedy, Arthur I.,	*Ingersoll, Ont.*
Kennedy, James Maddigan,	*Caledonia, Ont.*
King, William James,	*Briggs, Cal.*
Kingsbury, Archie Morgan,	*Winona, Minn.*
Kiplinger, Philip Wilbur,	*Shell Beach, La.*
Kirkeberg, Lars Einar Viggo,	*Chicago.*
Kluckholm, Burdette Henry,	*Le Mars, Ia.*
Kramer, Charles,	*St. Paul, Minn.*
Knapp, George Guy,	*Rocky Ford, Col.*
Kock, George Robert,	*New Ulm, Minn.*
Kremers, Walter G.,	*Jackson, Wis.*
Kreuger, George Eugene,	*Chicago.*
Kruchevsky, Abe Samuel,	*Chicago.*
Laidlaw, John S.,	*Blyth, Ont.*
Landon, Vernon Orlando,	*La Porte, Ind.*
Latcham, Harry Earl,	*Jefferson, Ia.*
Linderoth, Nils Hermann,	*Chicago.*
Lippert, Joseph S.,	*Chicago.*
Lunak, Joseph Francis,	*Kewanna, Wis.*
Lovitt, Charles Oscar,	*La Harpe.*
Macdonald, John Rae,	*Baddeck, Nova Scotia.*
Mack, George,	*Menominee, Mich.*
Mahle, Arthur Augustus,	*Chicago.*
Marks, David Graham,	*Chicago.*
Mathews, Lynn D.,	*Woodbine, Ia.*
Mathieu, Wesley J.,	*St. Anne.*
Mathisen, Philip L.,	*Evansville, Minn.*
McCarty, William H.,	*Chicago.*
McCormack, Arthur J.,	*Clemons, Ia.*
McCrum, Thomas Benton,	*Huntington, Ind.*
McDonald, Louis Gilbert,	*New Carlisle, Ind.*
McDonough, Chapman,	*Winchester.*
McGillicuddy, Katherine E.,	*Valparaiso, Ind.*
McGowan, John Stewart,	*Blyth, Ont.*
McMaster, William David,	*Yankton, S. D.*
McMennamy, Francis Earl,	*Bethany.*
McPhail, Archibald,	*Au Sable, Mich.*
McVay, Augustus,	*Wyoming.*
Means, Amos Bay,	*Anchor.*
Meeks, Daniel Homer,	*Gibson City.*

Myerhoff, Charles Leslie,	*Villisca, Ia.*
Miller, Charles Samuel,	*Chicago.*
Miller, Gus,	*Plattsville, Wis.*
Milligan, Edward Luke,	*Winnipeg, Man.*
Moore, Edward Clemments,	*Elgin.*
Nations, Hugh S.,	*Camp Point.*
Nelson, John Peter,	*Chicago.*
Nelson, Julius J.	*Sclerville, Wis.*
Nelson, Melvin Ray,	*Morrison.*
Newton, Herman Christian,	*River Falls, Wis.*
Nisbet, Marshall D.,	*Harlington, Neb.*
Northwood, Reginald Charles,	*Chatham, Ont.*
Nunn, Webster Hamlin,	*St. Paul, Neb.*
Page, Myrtle Jane,	*North Freedom.*
Parker, Samuel,	*Parishville, N. Y.*
Pellett, Fred Nelson,	*Freeport.*
Phillips, Herbert,	*Chicago.*
Pershing, Royal Strong,	*Burnside.*
Pottle, Curtis Brackett,	*Plainville.*
Puckett, Henry Clayton,	*Nora.*
Purcell, William Michael,	*Streator.*
Rea, Martha Olive,	*Elgin.*
Read, Irvin Clifton,	*Ogden, Ia.*
Reece, John S.,	*Normal.*
Reid, William Hutchinson,	*Chicago.*
Richards, George Theobald,	*Madison, Wis.*
Rosstenscher, Charles Ferdinand,	*Yankton, S. D.*
Ruckman, Mabel Anna,	*La Grande, Ore.*
Ruckman, Robert Jasper,	*La Grande, Ore.*
Runkle, Erwin Michael,	*Orangeville.*
Schneider, Leonard Julius,	*Nebraska City, Neb.*
Schneider, Adolph Emil,	*Nebraska City, Neb.*
Schulze, Herman Julius,	*Two Harbors, Minn.*
Sears, Harry Elmer,	*West Pullman.*
Sexmith, Lyman,	*Fond du Lac, Wis.*
Siebecker, William David,	*Merrimac, Wis.*
Shay, William,	*Chicago.*
Sinks, Omer Francis,	*Rochester, Ind.*
Smith, Charles,	*Waukegan.*
Smith, Edward,	*Londonville, O.*
Smith, Ernst Ray,	*New Richmond, Wis.*
Spalding, John Grant,	*Towanda, Pa.*
Spires, Louis Edward,	*Dayton, O.*
Stapleton, Clyde Lester,	*Bloomington.*

Stevenson, Robert Alexander,	*St. Paul, Minn.*
Stoffel, Earl Noble,	*Mechanicsville, Ia.*
Stokes, Hiram Chandler,	*Kewanee.*
Strauss, Milton William,	*Huntington, Ind.*
Stroeter, George William,	*Kearney, Mo.*
Sweeney, James Thomas,	*Sheldon, Ia.*
Swenson, Rudolph Julius,	*Racine, Wis.*
Thomas, Will Albert,	*Plattsville, Wis.*
Trinkaus, Jacob Louis,	*Pekin.*
Tristram, George Thomas,	*Hemfer, Utah.*
True, Harry Albert,	*Northwood, Ia.*
Vogan, J. Wilbur,	*Mermenton, La.*
Wait, Mark Leroy,	*Reynolds.*
Walsh, William Henry,	*Chicago.*
Wearne, Arthur Keown,	*Huron, S. D.*
Wentworth, George W.,	*Mariette, Wis.*
Werner, Edward August,	*Hillsdale, Mich.*
Westcott, Frederick Benjamin,	*Chicago.*
Whitson, Oscar Leroy,	*Clinton, O.*
Wilber, Charles Oren,	*Oconomowoc, Wis.*
Williams, Evart Velie,	*Dodgeville, Wis.*
Wilson, Earl E.,	*Menneska, Minn.*
Wise, John,	*Deadwood, S. D.*
Wisman, Oscar James,	*Delta, O.*
Wolfe, Morris Russell,	*Parsons, Kan.*
Wurtele, Fred Joseph,	*Evanston, Wyo.*
Young, Merle Demster,	*Bloomington.*

MATRICULATED BUT NOT IN ATTENDANCE.

Andrews, D. A.
Brown, Hillis Talley.
Burman, V.
Bronson, Jessie.
Cook, Harvey.
Canole, C. V.
Duck, Frank Rodney.
Emerson, Morton.
Headley, Sidney.
Hodge, Hugh Wallace.
Kilts, W. H.
Lavin, Herbert P.
Moor, Arthur T.
Matter, S. H.
McIlvain, Robert.
Nelson, John.
Padden, Charles N.
Polin, Oscar M.
Ruff, Gerovis R.
Reineke, J. A.
Schless, Abe Lewis.
Scarratt, Charles N.
Stephenson, M. C.
Wagoner, Burt Eldridge.

JUNIOR CLASS.

Ahlenfeld, Theodore,	*Chicago.*
Anderson, Alexander George,	*Wever, Ia.*
Andrews, George Joy,	*Decorah, Ia.*
Asseln, William Edgar,	*St. Paul, Minn.*
Barker, Oakley Moses,	*Braidwood.*
Bayne, Harry Miller,	*Warren.*
Bayne, James Wheeler,	*Warren.*
Becker, Ottman Albert,	*Oshkosh, Wis.*
Beebe, Frank Chester,	*Villisca, Ia.*
Bell, Alfred Miller,	*Central City, Neb.*
Black, Arthur Davenport,	*Chicago.*
Blane, Lee Edison,	*Greenview.*
Blass, Deabolt Michael,	*Portage, Wis.*
Bliss, Louis Lamonte,	*Cissna Park.*
Bloom, Frank,	*Centre City, Minn.*
Bloomingdale, John Edwin,	*Nebraska City, Neb.*
Bohman, Otto Ferdinand,	*Chicago.*
Bolster, Vinton Veazey,	*West Superior, Wis.*
Borden, Isaac Whitlock,	*New Carlisle, Ind.*
Bower, Willis Harrison,	*Sheridan.*
Brandt, William Frederick,	*Walnut, Ia.*
Brooks, James Howard,	*Yankee Springs, Mich.*
Brooks, May Lorena,	*Memphis, Tenn.*
Brown, Boyd Crandall,	*Freeport.*
Brown, George Edward,	*Alexis.*
Butler, Walter Pilling,	*Chicago.*
Cadwell, Clyde,	*Shabbona.*
Cannon, Ralph M.,	*Streator.*
Carney, Edward B.,	*Wellman, Ia.*
Case, Rolla Theron,	*Baraboo, Wis.*
Clark, Adelbert David,	*Charles City.*
Clevenger, John W.,	*Brookings, S. D.*
Collie, Wynn Ross,	*Lake Geneva, Wis.*
Conover, James Furman,	*Decorah, Ia.*
Converse, Charles Henry,	*Chicago.*
Cooley, Frank Dennis,	*Door Village, Ind.*
Cornish, Marshall Sanford,	*Vernon Centre, Minn.*
Costello, Daniel,	*Smithfield.*
Courtney, Walt George,	*Chester, Ia.*
Craver, Alva Sumner,	*Charles City.*
Cushway, Burt Charles,	*Mackinac Island, Mich.*
Cutter, Arthur Lucas,	*Chicago.*

Davidson, William Edward,	*Holdredge, Neb.*
Davenport, Frank W.,	*Eureka.*
Demling, Edward Arthur,	*Chicago.*
Dix, Alfred John,	*Mitchell, S. D.*
Dryden, Frederick Addison,	*Chicago.*
Dueser, Fritz Henry,	*Davenport, Ia.*
Duffy, Bernard Alfred,	*Joliet.*
Edmonson, Elmer,	*Mason City, Ia.*
Eisenstaedt, Moses,	*Chicago.*
Fisk, Frederick Darling,	*Chicago.*
Flannagan, Lanson Holland,	*Peoria.*
Formanack, George James,	*Carthage, S. D.*
Frank, Harris Joseph,	*Chicago.*
Frieseke, Albert Julius,	*Owosso, Mich.*
Furman, Walter Orval,	*Miller, S. D.*
Gainforth, Silas Philo,	*Holdredge, Neb.*
Gillette, Clayton Omer,	*Chicago.*
Goldthorp, Francis Joseph,	*Dubuque, Ia.*
Goodson, Lewis Jay,	*Chicago.*
Grant, Otto,	*Cadillac, Mich.*
Griffith, Clyde White,	*New Carlisle, Ind.*
Grunn, Albert Parker,	*Pipestone, Minn.*
Hamilton, Gail Washburn,	*Council Bluffs, Ia.*
Hammond, Charles Richard,	*Golden, Colo.*
Harlan, Catherine Harriett,	*Glenwood, Ia.*
Harlan, Thomas Stephen,	*Glenwood, Ia.*
Hellwarth, Ray Washington,	*Celina, O.*
Helmer, Madeline Matilda,	*Omaha, Neb.*
Henning, Frank Paul,	*Morgan, Minn.*
Hill, Leon Leroy,	*Reading, Mich.*
Hirsekorn, Mary,	*New Brandenburg, Germany.*
Hirtzel, John,	*Chicago.*
Hogan, William E.,	
Hollingsworth, Robert Selwyn,	*Belvidere.*
Hopf, George Arnold,	*Blue Island.*
Hoyt, Frank Alfred,	*Sioux City, Ia.*
Humphrey, William Thomas,	*Cordova.*
Hunt, Frederick Miles,	*Atlantic, Ia.*
Idler, Percy Benjamine DeWitt,	*Chicago.*
Jarvis, Frank Gordon,	*Benton Harbor, Mich.*
Johnson, David Arthur,	*Fort Atkinson, Wis.*
Johnson, Ealdo Paschal,	*Alhambra, Cal.*
Johnson, Oscar Theodore,	*Chicago.*

Jones, John Clarence,	*Ottumwa, Kan.*
Kaake, William Albert,	*Kinloss, Ont.*
Keith, Robert Paul,	*Chicago.*
King, Josephine Glover,	*Omaha, Neb.*
Kirkwood, Murry William,	*Wichita, Kan.*
Kratz, William Frederick,	*Burlington, Ia.*
Lemmon, Franklin Ellsworth,	*Chicago.*
Liggitt, Richard Clayton,	*Chicago.*
Lockard, Theodore Edwin,	*Whitten, Ia.*
Luetscher, John	*Mondovi, Wis.*
Malony, John Henry,	*Red Oak, Ia.*
Mashek, Joseph V.,	*Chicago.*
Macdonald, Alexander Ray,	*Chicago.*
McCallin, Sidney Gilmore,	*Waukesha, Wis.*
McCluskey, Floyd Mathew,	*Glenwood, Ia.*
McDermott, Peter George,	*Darlington, Wis.*
McDonnell, Jennie,	*Chicago.*
McGaughy, Samuel Douglas	*Whitewright, Tex.*
McGregor, Gregor,	*Winnipeg, Man.*
McIntosh, Robert Levi,	*Syracuse, N. Y.*
Mess, Fred Julius,	*Orillia, Wash.*
Meves, Oscar Charles,	*Wheaton.*
Mielke, Frank Edward,	*Shawano, Wis.*
Miller, Oscar Bulburd,	*Chicago.*
Moffatt, George Snow,	*St. Joseph, Mich.*
Moore, Norman Henry,	*Howard City, Mich.*
Morton, Alice,	*LaCrosse, Wis.*
Mullen, Charles,	*Prairieville, Mich.*
Murray, Charles Austin,	*Chester, Ia.*
Mutchmor, Arthur Augus,	*Emerson, Man.*
Orr, Clark,	*Chicago.*
Osher, Julius C.,	*Hecla, S. D.*
Oyster, Henry William,	*Villisca, Ia.*
Park, William Smith,	*Richmond, Ky.*
Parks, George Alexander,	*Sheldon, Neb.*
Parmenter, Almon Burton,	*Perry, Ia.*
Patton, John Free,	*Chicago.*
Payne, Ira A.,	*Houston, Minn.*
Peak, A. Charles,	*Salt Lake City, Utah.*
Pence, Henry Clay,	*Pana.*
Persons, Albert Dodge,	*Desplaines.*
Peterson, Edwin J.,	*Elbow Lake, Minn.*
Peterson, Elmer Christian,	*Sheffield.*
Pierce, Charles Hale,	*Des Moines, Ia.*

Pierce, Jesse Allen,	*Cedartown, Ga.*
Pitts, Jay Frederick,	*Chicago.*
Plummer, Leo Benjamin,	*Ganges, Mich.*
Pollard, George Alfred,	*Canton, Ont.*
Pooler, Lemuel Fish,	*Evanston.*
Potter, Edgar Chancy,	*Sheldon.*
Powell, Edward Foster,	*Sioux City, Ia.*
Prettyman, Homer L.,	*Bryan, Ohio.*
Pritchett, Ross A.,	*White Hall.*
Probst, John George,	*Hartford, Wis.*
Rehnstrom, Joseph Ernest,	*Sioux City, Ia.*
Robinson, Rowe H.,	*Fowler, Ind.*
Rohwedder, Herman Harry,	*Davenport, Ia.*
Ronna, Julius,	*Walnut, Ia.*
Rood, Albert Brown,	*Chicago.*
Rusco, George Byron,	*West Bend, Wis.*
Sandblom, John Nicholas,	*Stockholm, Sweden.*
Saxe, Jolly Noble,	*Delavan, Wis.*
Schiff, David Chajim,	*Chicago.*
Scott, Frank Stephenson,	*Glen Roy, O.*
Serwe, Rudolph,	*Fond du Lac, Wis.*
Shewey, Charles Parsons,	*Chicago.*
Sinclair, Strange Levi,	*Rosedale, Ind.*
Skelly, John,	*Chicago.*
Slaven, James,	*Reedsburg, Wis.*
Smalley, Claude Everett,	*Sheldon.*
Smith, Otto Bert,	*Joliet.*
Snyder, McGuire,	*Lafayette.*
Spessard, Edward William,	*Ainsworth, Ia.*
Stebbins, George Lyman,	*Aurora.*
Stevens, Bert Louis,	*Lexington.*
Thill, Henry Raymond,	*E. Dubuque.*
Thompson, Edna Maud,	*Chicago.*
Thompson, John Cross,	*Dwight.*
Tims, Frank,	*Tama, Ia.*
Tomlin, Frank Byron,	*Pleasant Plains.*
True, Frank Dayton,	*Northwood, Ia.*
Unger, Isador,	*Chicago.*
Waldberg, Benjamin,	*Chicago.*
Wagoner, William Edgar,	*Marion, Ind.*
Walsh, Charles Heavysege,	*Winnipeg, Manitoba.*
Warner, Burnett Dewey,	*Antioch.*
Watkins, Harry Woosley,	*Chicago.*
Weaver, Frank Tyler,	*Ligonier, Ind.*

Welsh, John Ellis,	*Chicago.*
West, Jesse Alden,	*Greenfield, Ia.*
Williamson, Floyd Davis,	*Hopkinton, Ia.*
Wilson, Charles William,	*Waterloo, Ia.*
Wilson, William Harlon,	*Fort Atkinson, Wis.*
Winder, Charles Jinks,	*South Chicago.*
Wolfrum, Richard,	*West Bend, Wis.*
Worsley, Willard Joseph,	*Mendota.*
Wygant, Harry Edward	*Jackson, Mich.*

MATRICULATED BUT NOT IN ATTENDANCE.

Borger, Hermann.	Jennings, George P.
Doherty, Kate A.	McGrail, Joseph Charles.
Gray, W. W.	Walsh, Richard Michael.

SENIOR CLASS.

Akers, Loran Planter,	*Chicago.*
Albright, Walter Hurlbut,	*Detroit, S. D.*
Anable, Frederick Samuel,	*Minneapolis, Minn.*
Armstrong, Llewellyn House,	*Ottumwa, Ia.*
Arter, Francis Dean,	*Chicago.*
Arthur, Sylvester W.,	*Waterloo, Ia.*
Axtell, Thomas Wright,	*Waverly, Ia.*
Baker, William Henry,	*Devonshire, England.*
Barber, Walter Crossett,	*Naperville.*
Bartels, William Earnest,	*Tomah, Wis.*
Barth, William Herman,	*Fountain City, Wis.*
Bayne, Roscoe Stanton,	*Henry.*
Barnard, Leslie Orville,	*Perry, Ia.*
Bishopp, Harry Buras,	*Sheldon.*
Blonn, Louis,	*Chicago.*
Bond, Howard Todd,	*Chicago.*
Bostlemann, Christopher,	*Chicago.*
Bradshaw, Wyland Centinary,	*Jefferson, Ia.*
Bronson, Irving Charles,	*Waterloo, Ia.*
Brosnihan, George Maurice,	*Chicago.*
Brown, Arthur Henry,	*Clifton, Ill.*
Brown, Carl Hildor,	*Rockford.*
Bugbee, Leslie St. Claire,	*Waukesha, Wis.*
Calder, James Herbert,	*Cedar Rapids, Ia.*
Campbell, Charles Bernard,	*Chicago.*
Carmichael, Frank Edgar,	*Omaha, Neb.*
Castle, Carroll Clay,	*Galesburg.*

Childs, Audley Elmo,	*Macksburg, Ia.*
Chilson, Henry Lee,	*Appleton, Wis.*
Cork, Albert Samuel,	*Chicago.*
Cornell, Walter DeWitt,	*Austin.*
Cosner, Robert Lee,	*Clarks, Neb.*
Craig, Herbert Milton,	*W. Alexander, Pa.*
David, Howard Garrett,	*Galesburg.*
Davidson, Albert Carl,	*Creston.*
Davis, John Judson,	*Lowell, Ind.*
Dellibac, Leroy,	*St. Ann.*
Dent, George Levi,	*Chicago.*
Dewell, Wells,	*Magnolia, Ia.*
Dieckmann, Armin Joseph,	*Saginaw, Mich.*
Dodge, Claude Willott,	*Fairburg, Neb.*
Doughty, August Allen,	*Storm Lake, Ia.*
Dow, Lewis Charles,	*Port Byron.*
Dunning, Joseph Warren,	*Spokan, Wis.*
Duth, Cara Elizabeth,	*Elmwood.*
Eakins, Herman Gernate,	*Alpena, Mich.*
Ebenreiter, Alfred Robert,	*Kewaskum, Wis.*
Ehlers, Frederick Ferdinand,	*Mason City, Ia.*
Elliott, Gail Borden,	*Elgin.*
Ely, Arch Elbert,	*Monroe City, Mo.*
Flynn, Walter Patrick,	*David City, Neb.*
Forsyth, James Edward,	*Sydney, Australia.*
Foster, Maria Teresa,	*La Crosse, Wis.*
French, John Samuel,	*Cavalier, N. D.*
Ganoe, Oren, Elner,	*Ogden, Ia.*
Gerecke, Frank Theodore,	*Stanton, Neb.*
Gethro, Fred William,	*Bloomington.*
Gibbon, Edward Austin,	*Van Horn, Ia.*
Graham, Frank Terry,	*Norfolk, Neb.*
Graham, Ralph S.,	*Freeport.*
Greenhow, Barney Finnell,	*Chicago.*
Grigsby, Frederick Redmond,	*Blandinsville.*
Haeseler, Herbert George,	*Lisbon, Ia.*
Hallenbeck, Delbert Daniel,	*Chicago.*
Hamlin, George Bateman,	*Frankfort Station.*
Harrison, Harvey Edgar,	*Warrensburg, Mo.*
Harstad, Oliver,	*Sioux City, Ia.*
Harvey, Max Romeyn,	*Lake Mills, Wis.*
Haviland, Albert Oatly,	*Horton, Kan.*
Helms, Henry Finley,	*Glidden, Ia.*
Hemminger, Harvey Jacob,	*Nappanee, Ind.*

Hepburn, William Risen,	*Eau Claire, Wis.*
Hepler, Ralph,	*Munster.*
Hickman, Charles Wilbur,	*Goodwine.*
Hicks, William Seldon,	*Chicago.*
Hodges, Andrew Jackson,	*Albany, Ore.*
Huff, John Arthur,	*Chicago.*
Hunt, Ralph Y.,	*Spokane, Wash.*
Johnson, Burton Clermont,	*Chicago.*
Johnson, Richard Roy,	*Lisbon, N. D.*
Johnson, Robert William,	*Grand Rapids, Mich.*
Jolly, Edward Marion,	*Baton Rouge, La.*
Jones, James McGregor,	*Baton Rouge, La.*
Jorgensen, Ane Marie,	*Thorp Clark, Wis.*
Kestly, Frederick,	*Nika, Wis.*
King, Birdine,	*Biggs, Cal.*
King, William Oscar,	*Lake Geneva, Wis.*
Kinney, John Cornelius,	*Chicago.*
Kirkwood, Israel Stewart,	*Chicago.*
Klausner, John Bernard,	*Omaha, Neb.*
Kountz, Walter Pious,	*Pittsburg, Pa.*
Kramm, Edward,	*Peoria.*
LaTouche, Arthur Clyde,	*Ashland.*
Linderholm, Martin Julius,	*Galesburg.*
Lotts, Emery Milton,	*Independence, Ia.*
Lucke, Paul Peter,	*Lamars, Ia.*
Luebbert, Emil Robert,	*Los Angeles, Cal.*
Lyon, Stephen Andrew,	*Fredonia, Kan.*
Maddock, William Ivan,	*Chicago.*
Magner, Harry Daniel,	*St. Peter, Minn.*
Marlow, Samuel Alanson,	*Bloomington, Wis.*
Maun, Nicholas John,	*Tekamah, Neb.*
McCartney, Ernest Fielding,	*Villisca, Ia.*
McCartney, Nathaniel Bryan Wede,	*Sparland.*
McKay, James Harry,	*Forest City, Ia.*
McWethy, William Catlin,	*Dixon.*
Meng, John Christian,	*Madison, Wis.*
Merritt, Glenn Lowell,	*Dubuque, Ia.*
Miner, Joseph Edward,	*Kewanee.*
Moyer, Jean,	*Chicago.*
Myers, Henry Alphonsus,	*Portland, Ore.*
Napper, Sylvia Mary Fialia,	*Chicago.*
Neff, William Ray,	*Chicago.*
Nitchelm, Charles Louis,	*Ottawa.*
Nylund, Oscar Caleb,	*Stockholm, Sweden.*

Older, Bertram,	*Portage, Wis.*
Olkon, David Mortimer,	*St. Petersburg, Russia.*
Osher, Burt Tenus,	*Hecla, S. D.*
Parker, Frederick William,	*Chicago.*
Parker, Ralph Waldo,	*Chicago.*
Petre, Charles Andrew,	*Haldane.*
Petrie, Walter James,	*Chicago.*
Pfaff, Henry Valentine,	*St. Louis, Mo.*
Pier, Harry Edward,	*Eastman, Wis.*
Pike, Harry Eugene,	*Plainfield.*
Pinkerton, Rawson Kennedy,	*Chicago.*
Pennington, John Stephen,	*W. Burlington, Ia.*
Potter, Albert Byron,	*Beulah, Kan.*
Potts, Frank Sam,	*Green Bay, Wis.*
Prideaux, William Jennings,	*Dodgeville, Wis.*
Ray, Lawrence Frank,	*St. Joseph, Mich.*
Reed, Frank Mildred,	*Kewanee.*
Reid, Thomas,	*Edinburgh, Scotland.*
Rienfried, Charles Joseph,	*Dubuque, Ia.*
Roberts, Clair William,	*Mt. Pleasant, Ia.*
Robertson, James Arthur,	*Plana, S. D.*
Rodenhouse, Henry Charles,	*Chicago.*
Rounseville, Charles Fremont,	*Chicago.*
Rowan, Augustus Michael,	*South Milwaukee, Wis.*
Ryder, George Andrew,	*DeWitt, Ia.*
Schamu, Charles Gottlieb,	*Woodard, N. Y.*
Schimek, Ignatius Albert,	*Chicago.*
Schmidt, Alfred Ludwig,	*Davenport, Ia.*
Schoenbrod, Maurice Solomon,	*Chicago.*
Sellery, Ira Benson,	*Kincardine, Ont.*
Simmonds, Forrest Wesley,	*Ottumwa, Ia.*
Smalley, David Arthur,	*Sheldon.*
Smith, Burleigh Milton,	*Central City, Ia.*
Smith, Norton Vernon,	*Chicago.*
Solvsberg, Arthur,	*Sioux City, Ia.*
Sprenger, Ernest Samuel,	*Two Rivers, Wis.*
Stansell, Priscilla Hallam,	*Franklin, Ohio.*
Stull, Clyde,	
Swain, Ada Price,	*Marengo, Ia.*
Swigert, Harry Irving,	*Galesburg.*
Talbot, William Oliver,	*Boloxi, Miss.*
Thorp, David Jackson,	*Weston, Mo.*
Traynham, Reuben Charles,	*Grunnville, Tex.*
Underwood, William Elmer,	*Fond du Lac, Wis.*

Upson, George Delevan,	*Chicago.*
Van Denbergh, Harry Newcomb,	*Howard City, Mich.*
Wadsworth, Charles Freer,	*Chicago.*
Waldberg, Ernest Irving,	*Chicago.*
Walsh, Frances Marie,	*Chicago.*
Walton, Charles Augustus,	*Anna.*
Weber, Nicholas Paul,	*Gilbertville, Ia.*
Welch, Frank Morton,	*Bloomfield, Ind.*
Williams, Anthony James,	*Lancaster, Wis.*
Willard, Eugene Shaw,	*Alaska.*
Wilson, Ernest Hugh,	*Miller, S. D.*
Winter, Charles Edward,	*Chicago.*
Wright, David James,	*Emerson, Man.*
Wright, Macomb Lee,	*Maquoketa, Ia.*
Wright, Samuel August,	*Minneapolis, Minn.*
Zipperman, Solomon William,	*Chotin Bessarabia, Russia.*

MATRICULATED BUT NOT IN ATTENDANCE.

Althus, Arthur E.	Raush, W. A.
Katler, Frank.	Ray, George Washington.
Meyer, Walter Fred.	Methven, Houston French.
McCarthy, Jeremiah.	Mylne, Robert Clyde.

THE WOMAN'S MEDICAL SCHOOL.

Andres, Sarah Gertrude,	*Elliot, Ia.*
Andrews, Leila Edna,	*Chicago.*
Ballance, Harriet N., A.B., Vassar College, Poughkeepsie, N. Y.	*Peoria.*
Baumann, Alice,	*Manchester, Eng.*
Beers, Matilda May,	*Derby, Mich.*
Blakelidge, Rose Mary,	*LaGrange.*
Boynton, Lillian M.,	*Benton Harbor, Mich.*
Brady, Elizabeth Neil,	*Chicago.*
Burton, Alice E.,	*Corydon, Ia.*
Campbell, Grace H.,	*Toronto, Ind.*
Chase, Barbara,	*Blue Earth, Minn.*
Clinton, Bertha Lawton,	*Paris.*
Clouse Bertha Anne, M.S., Hartsville College, Hartsville, Ind.	*Hope, Ind.*
Crabtree, Hezediah Todd,	*Topsfield, Me.*
Crosby, Mary Julia,	*Cedar Falls, Ia.*
Edmonds, Agnes M.,	*Tina, Mo.*
Edwards, Eleanor,	*Peoria, Ill.*
Evans, Rebecca M.,	*Kent, O.*
Farquharson, Henrietta Mae,	*Chicago.*
Frahm, Mary Elizabeth,	*Tuscola.*
Gable, Emma,	*Chicago.*
Gardner, Stella,	*Homewood, Kan.*
*Gaston, Harriet Jencks, *Deceased.	*Chicago.*
Gaston, M. Adelaide,	*Cerro Gordo.*
Gatchell, Maude Morrell,	*DesMoines, Ia.*
Gnekow, Emilie Louisa,	*Stockton, Cal.*
Greenough, Clara Mary, A.B., Smith College, Northampton, Mass.	*Deerfield, Mass.*
Hackett, Emma Catherine,	*Dubuque, Ia.*
Hedger, Caroline,	*Chicago.*
Henry, Hattie Belle, B.S., Chaddock College, Quincy, Ill.	*Quincy.*
Higgins, Gussie Zada,	*Whitefield.*
Hinch, Minnie Agnes,	*Verona.*
Horton, Estella,	*Raymond, Wis.*

Hutchins, Linda Krape,	*Orangeville.*
Johnstone, Mary M. S., A.B., Smith College, Northampton, Mass.	*Newburyport, Mass.*
Jennings, Theresa Kline,	*Streator.*
Keator, Louise M.,	*Polo.*
Kinnier, Lily,	*Dubuque, Ia.*
Lehle, Susan,	*Chicago.*
Levy, Kate,	*Chicago.*
Lyons, Jennie,	*Hume.*
Lyons, Nettie Cantlon,	*Chicago.*
MacKay, Emma Scribner,	*Englewood.*
Maddox, Ella M.,	*Dublin, Tex.*
Manning, Jacolyn,	*Muskegon, Mich.*
McClune, Mattie, Ph.G., Northern Indiana State Normal School.	*Tilton, Ia.*
Mitchell, Lilian S.,	*Brandon, Man.*
Moon, Cora M.,	*Chicago.*
Moulton, Rachel M.,	*Pleasant Valley, Miss.*
Munch, Louisa L.,	*Joliet.*
Neil, Blanche,	*Forest City, Ia.*
Newell, Mary Elizabeth,	*Wooster, O.*
Norris, Julia Anna,	*Chicago.*
Norris, Margaret R.,	*Staffa, Ontario.*
Norton, Vera Viola,	*Waverly, Ia.*
Orton, Susanne, A.B., Rockford College, Rockford, Ill.	*Darlington, Wis.*
Pitkin, Alice Fidelia,	*Ravenswood.*
Randle, Kate,	*Bloomington.*
Reed, Caroline,	*Newton, Ind.*
Reynolds, Bertha,	*Tamora, Neb.*
Rhoads, Rebecca,	*Chicago.*
Rogers, Margaret,	*Hampton, Ont.,Canada.*
Rose, Russell,	*Muncie, Ind.*
Sanderson, Susie Munro,	*Detroit, Mich.*
Schmidt, Marie Stock,	*Chicago.*
Tallman, Susan Barbara, Ph.B., Iowa College, Grinnell, Iowa.	*Grinnell, Ia.*
Timmerman, Eudora Madge, M.D., N. U. Woman's Medical School.	*Mankato, Minn.*
Todd, Anna,	*Chicago.*
Tucker, Emma Boose, B.S., Nebraska State Univ.	*Falls City, Neb.*
Ullman, Eva Prescott,	*Chicago.*
Upton, Mabel,	*Hudson, Wis.*
Walser, Lizzie Vail,	*Austin.*
Waterman, Blanche Mary,	*Lakin, Kan.*

Welsh, Prudence, *Williamsburg, Ia.*
Westwood, Ethel Page, *Emporia, Kan.*
College of Emporia, Emporia, Kan.
Wilson, Blanche, *Truro, Nova Scotia.*
Wilson, Zilpha, *Pennsboro, W. Va.*
Woodzicka, Julia, *Royalton, Wis.*
Wright, Elva, B.S., *Hillsdale, Pa.*
Valparaiso College, Valparaiso, Ind.

THE SCHOOL OF MUSIC.

Armstrong, Daisy Devetta,	*Moweaqua.*
Baird, Ruth,	*Evanston.*
Barry, Curtis Abel,	*Aurora.*
Bell, Adelaide Ellen,	*Chicago.*
Bemis, Emily Schorb,	*Cawker City, Kas.*
Bennett, Mrs. Katharine E.	*Evanston.*
Blair, Lilian,	*Boise City, Idaho.*
Botkin, Maude Devereaux,	*Virden.*
Boyer, Rachel Orelia,	*York, Neb.*
Bredin, Elias Arnold,	*Evanston.*
Breman, Ida Inez,	*Globe, Ariz.*
Buell Jessie Myrtle,	*Evanston.*
Caraway, Ann Estelle,	*Tuscola.*
Chaffee, Theodora Grace,	*Evanston.*
Childs, Florence Leah,	*Evanston.*
Clark Irma D.,	*Algona, Ia.*
Coffman, Ansel Victor,	*Elkhart, Ind.*
Colvin, Jessie Linda,	*Bonus.*
Conaway, Cora Frances,	*York, Neb.*
Conaway, Jessie Florence,	*York, Neb.*
Condon, Mrs. Harrison F.	*Aurora.*
Crandon, Ruth Wilbur,	*Evanston.*
Danforth, Sarah Esther,	*Chicago.*
Dodge, Louis Norton,	*Evanston.*
Doland, Mae Louise,	*Rogers Park.*
Dunn, Mabel Adella,	*Evanston.*
Eichelberger, Edna,	*Ottawa.*
Elmquist, Edwin Alexius,	*Chicago.*
Emerick, Anna May,	*Evanston.*
Ericson, Grace Olivia,	*Evanston.*
Evans, Ida Candace,	*Mt. Vernon.*
Eversz, Edna Louise,	*Evanston.*
Fahs, Gertrude Elizabeth,	*Joliet.*
Fellingham, Clark Hughes,	*Verona.*
Fleshiem, Edna Earle,	*Menominee, Mich.*
Frost, Anna Hoag,	*Lake Road, N. Y.*

Gay, Anna Belle,	*Ottawa.*
Gilchrist, Ethel Alice,	*Waukon, Ia.*
Graves, Irene Mayhew,	*Evanston.*
Gray, Golda May,	*DeKalb.*
Gregg, Grace,	*Peru, Ind.*
Griesel, Nellie,	*Crown Point, Ind.*
Griffith, Mrs. Iva Mariah,	*Merom, Ind.*
Grimore, Emily May,	*Angres, Mich.*
Haake, Charles John,	*Chicago.*
Hall, Charles Harold,	*Webster City, Ia.*
Hall, Lulie Trowbridge,	*Kirksville, Mo.*
Hall, Mabel Pauline,	*Sedgwick, Kas.*
Hall, Mrs. Sarah Anderson,	*Evanston.*
Hansen, Emma L.,	*Evanston.*
Harris, Winifred Emmerson,	*Beardstown.*
Hatch, Elizabeth Cecilia,	*Evanston.*
Hitte, Helen Minick,	*Evanston.*
Holbrook, Carrie Cole,	*Evanston.*
Holbrook, Edna Marie,	*Evanston.*
Howard, Ethel Luella,	*Columbus, Wis.*
Howell, Una,	*Evanston.*
Hughes, Blanche,	*Evanston.*
Hull, Winifred,	*Evanston.*
Humfreville, Lilian,	*Waterville, Kas.*
Johnson, Josephine May,	*Cedar Falls, Ia.*
Johnson, Mabel A.,	*Evanston.*
Johnston, Phoebe,	*Milledgeville.*
Kannal, Romaine Irma,	*Rensselaer, Ind.*
Kindall, Hortense,	*Onawa, Ia.*
Kriete, Cecelia Louisa,	*Chicago.*
Marsh, Don Egbert,	*Evanston.*
Martin, Bessie,	*South Omaha, Neb.*
Masslich, Chester Bentley,	*Evanston.*
Miller, Alta Dorothy,	*Evanston.*
Miller, Beigh,	*Evanston.*
Miller, Kathryn Gourlye,	*Muskegon, Mich.*
Milner, Sarah Fay,	*Wilmette.*
Minium, Willis Frank,	*Evanston.*
Morris, Leila Scranton,	*Evanston.*
Morse, Isabel,	*Evanston.*
Oakes, Minnie Rose,	*Tippecanoe City, O.*
Oakey, Lenore Catherine,	*Corning, Ia.*
Olp, Ernest Everett,	*Evanston.*
Orth, Mary Ward,	*Hiawatha, Kas.*

Owen, Festus Edward,	*Mokena.*
Parkes, Irene Edna,	*Evanston.*
Parkinson, Ella,	*Mt. Carmel.*
Phillips, Anna Viola,	*Rhodes, Ia.*
Price, Freeman Bainborough,	*Evanston.*
Prindle, Richard Hardenberg,	*Evanston.*
Raife, Clara,	*Perry, Ia.*
Raymond, Elizabeth,	*Evanston.*
Roe, Hattie May,	*Evanston.*
Ross, Isabella,	*Lake Bluff.*
Scott, Della Grace,	*Emerada, N. D.*
Seymour, Ethel,	*Chicago.*
Smith, Walter J.	*Waukegan.*
Spencer, Stanhope Reid,	*Evanston.*
Stevens, Irene Bertha,	*Evanston.*
Straight, Bessie Emma,	*Evanston.*
Swan, Dora,	*Duluth, Minn.*
Tillson, Nena Adele,	*Tilsonburg, Ontario.*
Tindall, Laura Anna,	*Kirkland.*
Tuttle, Mary Alice,	*Leaf River.*
Vaughn, Matie Ella,	*Deadwood, S. D.*
Warfield, N. S.	*Chicago.*
Warnock, Anna Laura,	*Battle Creek, Ia.*
Wathall, Alfred George,	*Chicago.*
Weckersham, Elmere Randolph,	*Chicago.*
Wemple, Harriet Leona,	*Waverly.*
Wheeler, Mabel Melesin,	*Omro, Wis.*
Whitlock, Laura Case,	*Evanston.*
Wilbur, Russell,	*Evanston.*
Williams, Madeline,	*Chicago.*
Williamson, Hiram,	*Kenilworth.*
Wolcott, Cecelia Caroline,	*Evanston.*
Wood, Jennie,	*Evanston.*
Zeuch, William Edward,	*Chicago.*

THE SCHOOLS OF THEOLOGY.

GARRETT BIBLICAL INSTITUTE.

DEGREE COURSE.

SENIOR CLASS.

Beimfohr, Otto Henry, A.B., Central Wesleyan College.	*Pekin.*
Case, Harry Claude, A.B., Baker University.	*Fredonia, Kan.*
Empey, Frank DeHaven, A.B., Morningside College.	*Sioux City, Ia.*
McGill, Oscar Harrold, A.B., Kansas Wesleyan University.	*Salina, Kan.*
Reeder, Ralph Maltbie, A.B., Cornell College.	*Tipton, Ia.*
Schafer, Frank Herman, Cornell College.	*Port Byron.*
Schutz, Edward Godfrey, A.B., Central Wesleyan College.	*Edwardsville.*
Snapp, John Wilfred, A.B., Kansas Wesleyan University.	*Salina, Kan.*
Yoshizaki, Enos Hikoichi, A.B., University of the Pacific.	*Hirosaki, Japan.*

DIPLOMA COURSE.

SENIOR CLASS.

Baldridge, Harry Weir, De Pauw University.	*Solsberry, Ind.*
Brown, William Edgar,	*Bay Mills, Mich.*
Cable, Willis Howard, B. L., A.B., Western Normal College.	*Shenandoah, Ia.*
Channer, Burley Alfred, Cedar Valley Seminary.	*Bassett, Ia.*
Collins, Harry James, Tippecanoe High School.	*Tippecanoe City, Ohio.*
Combs, Edward Stephen, Central Normal College.	*Evanston.*
Gard, Orlando Silas, Academy of Northwestern University.	*Wakefield.*
Hancock, Aubrey, St. Mary's Hall, Cardiff, England.	*Cardiff, England.*

Haskell, Horace Bray, *Stonington, Me.*
East Maine Conference Seminary.
High, Frank Albert, *St. Edwards, Neb.*
Academy of Northwestern University.
Johnson, Lee Allen, *Waitsburg, Wash.*
Spokane College.
Knoll, Alfred, M.S., *Indianola.*
Simpson College.
Kohlstedt, Edward Delor, *Minneapolis, Minn.*
Minneapolis High School.
Lang, Edward Alonzo, *Monticello, Ia.*
Iowa State College.
Lyons, Ernest Samuel, *Seattle, Wash.*
Howell High School.
McCaffree, Lewis Alpheus, *Sioux City, Ia.*
Highland Park College.
Perry, Frank S., *Oskaloosa, Ia.*
Marietta College.
Rogers, Samuel John, *Watford, Ont., Can.*
Harriston and Listowal High School.
Scull, John Thomas, B.S., *Fairfield, Ind.*
Moore's Hill College.
Shick, John Grant, *Neligh, Neb.*
Gates College.
Smith, John Randolph, LL.B., *Jefferson, Ia.*
University of Iowa.
Stubbs, Lurton Dunham, *Raymond, Ia.*
Iowa State Normal.
Thomas, Lewis La Reuel, *Evanston.*
Academy of Northwestern University.
Thompson, John, *Downington, Mich.*
English Polytechnic.
White, George Henry, *Evanston.*
Denver University.
Yost, Jesse J., *Evanston.*
Michigan State Normal.

DEGREE COURSE.

MIDDLE CLASS.

Bennett, Will Earnest, A.B., *Waukegan.*
Northwestern University.
Burcham, John Levi, B.S., *Illiopolis.*
Illinois Wesleyan University.
De Bra, Harvey R., A.B., *Evanston.*
Northwestern University.
Fleming, William T. Sherman, A.B., *Mt. Vernon, Ia.*
Cornell College.
Kelly, Winfield Scott, Ph.B., *San Francisco, Cal.*
Simpson College.
Klein, John S., A.B., *Green, Kan.*
Central Wesleyan College.
McKitrick, John Wesley, A.B., *Paisley, Ont., Can.*
Manitoba University.

Money, Parke C., *Billings, Mo.*
Northwestern University.
Reeder, George Avery, A.B., *Tipton, Ia.*
Cornell College.
Richardson, Channing Alonzo, A.B., *Milton, Wis.*
Milton College.
Serl, Elmer Willis, B.L., *Delavan, Wis.*
University of Wisconsin.
Simonds, Royal Ambrose, A.B., *Clinton, Tenn.*
U. S. Grant University.
Smith, Ernest Dailey, A.B., *Whiting, Ind.*
Northwestern University.
Snell, George Webb Bean, A.B., *Chicago.*
Cornell College.
Waite, Oren Bradshaw, A.B., *Davenport, Ia.*
Cornell College.
Wylie, William Henry, A.B., *Bloomington, Ind.*
Indiana University.

DIPLOMA COURSE.

MIDDLE CLASS.

Aoki, Chojuro, *Wakayama, Japan.*
Princeton Seminary.
Bales, Arthur, B.S., *Chequest, Ia.*
Bloomfield Normal.
Bartle, Josiah Bennett, *Gardner.*
Academy of Northwestern University.
Briggs, George Wesley, *Briggsville, Wis.*
Bayfield High School.
Dawson, John, Ph.B., *Sumner, Ia.*
Upper Iowa University.
Dunlavy, Alonzo Alvin, B.S., *Leroy, Ind.*
Central Normal College.
Dutton, Dean Colfax, *Seattle, Wash.*
Evansville Seminary.
Fessenden, Thomas Whitemore, *Yorkville, Wis.*
East Maine Conference Seminary.
Gardiner, James Leonard, *Clifford, Ont., Can.*
Clifford and Mt. Forrest Collegiate Institute.
Geiger, Andrew Arthur, *Freeport, Mich.*
Clarksville Seminary.
Griffith, Claude Louis, B.S., *Eaton.*
Meron College.
Harris, Emmanuel, *Gunwalloe, England.*
Hay, Clyde Lemont, *Jacksonville.*
Illinois College.
Howse, Charles, *Newfoundland.*
St. John's College.
Keene, Charles Laurel, *Galien.*
Kirk, Josiah Smith, *Topeka, Kan.*
Baker University.
Mager, Ernest William, *Pleasant Prairie, Wis.*

Manning, Lewis Henry, *Big Rapids, Mich.*
Albion College.
Omohundro, Erwin House, *Pittsburg, Pa.*
King's School of Oratory.
Peddicord, Charles Andrew, *Plainfield, Ia.*
Cornell College.
Peschmann, Joseph Frederick, *Evanston.*
Albion Academy.
Pollock, Grant Simpson, *Allegheny, Pa.*
Wellsville High School.
Porter, Newton Asbury, A.B., *Windom, Kan.*
South West Kansas College.
Sevy, Isaac Burton, B. S., *Britton, S. D.*
Dakota Agricultural College.
Siniff, Orin Virgil, *Athens, Ohio.*
Ohio University.
Smith, Benjamin Thomas, *N. Topeka, Kan.*
Baker University.
Snyder, Harvey Albert, *Mahoning, Ohio.*
Ohio Wesleyan University.
Snyder, Eugene Cornelius, *Atlanta, Mo.*
Baldwin University.
Speckien, Frederic John, *Wawaka, Ind.*
Fort Wayne College.
Storer, Ernest Osborn, B. L., *Brooklyn, N. Y.*
Cornell University.
Taylor, Fred Charles, *Stayner, Ont., Can.*
Albert College.
Trask, Obie Washington, *Sand Beach, Mich.*
Sand Beach High School.

DEGREE COURSE.

JUNIOR CLASS.

Beggs, Samuel Watson, M.A., *Ashland.*
Illinois College.
Benedict, Edward Lawrence, A.B., *Bancroft, Ia.*
Cornell College.
Bush, Martin Daniel, A.B., *Evanston.*
Northwestern University.
Crossen, Hugh, A.B., *Hamline, Minn.*
Hamline University.
Cummins, Lewis Gerald, A.B., *Reevesville.*
McKendree College.
Farmer, Harry, B.S., *Cedar Rapids, Ia.*
Columbian University.
Forrester, Robert Herman, A.B., *Dexter, Ia.*
Simpson College.
Gates, Eugene Franklyn, Ph.B., *Mentone, Ind.*
Taylor University.
Guest, Charles Bodine, A.B., *Iveyville, Ia.*
Simpson College.
Houghton, Horace Levan, Ph.B., *Port Washington, Wis.*
Northwestern University.

Judy, John Milton, Northwestern University.	*Potomac.*
Lymer, John Charles, A.B., Amity College.	*College Springs, Ia.*
McCown, Chester C., A.B., DePauw University.	*Momence.*
McKeever, Lawrence Arthur, A.B., Kansas Wesleyan University.	*Monteer, Mo.*
Perry, Albertus, Northwestern University.	*Burlington, Vt.*
Schneider, John Michael, A.B., Northwestern University.	*Mt. Carroll.*
Simmons, John Ulysses, A.B., Albion College.	*Roseburg, Mich.*
Springer, John McKendree, Northwestern University.	*Watertown, S. D.*
Steward, Olin Elmer, A.B., Albion College.	*Albion, Mich.*
Wright, Cyrus Ames, Northwestern University.	*Bradley.*

*———

Campbell, Elizabeth Butler,	*Durand.*
Cleworth, Gilbert Drake,	*Grossdale.*
Fisher, Albert L.,	*Evanston.*
Folsom, Arthur J.,	
Haist, Louis P.,	*Freeport.*
Henderson, Robert H.,	
Juvinall, Charles Franklin,	*Jamesburg.*
Longley, Florence M.,	*St. Paul, Minn.*
Mell, Aaron Wesley,	*Evanston.*
Nicholson, James Calvin,	*Litchfield.*
Ozanne, Herbert Giles,	*Somers, Wis.*
Perry, Albertus,	*Gloversville, N. Y.*
Rodgers, Emily I.,	*Eleanor.*
Springer, John McKendree,	*Watertown, S. D.*

DIPLOMA COURSE.

JUNIOR CLASS.

Benedict, Blanche Dean,	*Bancroft, Ia.*
Bennett, Jay S., University of Illinois.	*Paw Paw.*
Bunt, Pierce Oliver,	*Huron, S. D.*
Case, James La Due, Akron High School.	*San Francisco, Cal.*
Cook, Joseph Edward, St. Mary's Collegiate Institute.	*Belton, Ont., Can.*

*University students electing work in the Institute.

Cooper, Elmer Leland, *Boscobel, Wis.*
Lawrence University.
Davis, Anna Larinda, *Nanking, China.*
South West Kansas College.
Deal, Willard Wallace, *Kalamazoo, Mich.*
Kalamazoo College.
Dunlap, Harriett,
Graeser, Charles Frederick, *Des Moines, Ia.*
Drake University.
Hewitt, Clare John, B.S., *Elgin.*
Union College.
Hirota, Zenro, *Hiroshima, Japan.*
Augh, Japanese Academy.
Hoisington, LeRoy Ellsworth, *West Salem, Wis.*
Evansville Seminary.
Inman, Nora Belle, *Hesperia, Mich.*
Medina High School.
Irish, James William, B.L., *Madison, Wis.*
Wisconsin University.
Jontz, Ida V., *Wyanet.*
Wyanet High School.
Katner, Guy Truxell, *Clinton, Mich.*
Clinton High School.
Kliewer, John Walter, *Newton, Kan.*
Bethel College.
Marshall, Arthur Lee, *Kansas City, Mo.*
Butler High School.
Martin, Herbert Read, *Omaha, Neb.*
Omaha High School.
McCormack, William R., *DeSoto, Mo.*
Carleton College,
Merrick, Henry Levi, *Hunt City.*
Danville Commercial College.
Norfleet, Abraham Lincoln,
Missouri University.
Preston, Samuel Morley, *Detroit, Mich.*
Detroit High School.
Randall, Albert Allen, *Lowell, Ind.*
Parsons College.
Rawson, James Pem, *Whittemore, Ia.*
Wisconsin University.
Riddell, Samuel Philip, *Winnipeg, Manitoba.*
Wesley College.
Robinson, Emma A., *Dubuque, Ia.*
Dubuque High School.
Schreiber, Alexander R. E., *Chicago.*
Scott, Walter Candfield, *Riverside.*
Academy of Northwestern University.
Shanks, Lewis Elmer, *Fairmont, Minn.*
Hamline University.
Shick, George Washington, *Neligh, Neb.*
Gates College.
Stone, Elmer Ellsworth, *Miller, Ohio.*
Tompkins, William Oris, *Comanche, Ia.*
Cornell College.

Travis, Charles Claud, B.S., Wabash College.	*Crawfordsville, Ind.*
Turner, James Walter, Crab Orchard Academy.	*Stone Fort.*
Tuttle, Mary Alice, Academy of Northwestern University.	*Leaf River.*
Varnum, Charles William, LL.B., Iowa University.	*Denver, Colo.*
Vincent, James Arthur,	*Camborne, Cornwall, Eng.*
Ward, Arthur Marion, Academy of Northwestern University.	*Wilmette.*
Wilcox, Ellsworth W.,	*Elgin, Neb.*
Withey, Frederick Norman, Marshall High School.	*Hartshorne, Indian T.*
Wittwer, John Henry,	*Adelphi, Ohio.*
Wolfe, Robert Livingstone, Nebraska Wesleyan University.	*Whitewood, S. D.*

NORWEGIAN-DANISH DEPARTMENT.

Andersen, C. A.,	*Dwight, Ill.*
Beckstrom, J. M.,	*Madison, Wis.*
Carlsen, B. E.,	*Brooklyn, N. Y.*
Egge, J. J.,	*Milan, Miss.*
Field, O. J.,	*Seattle, Wash.*
Nordseth, B. B.,	*Chicago.*
Peterson, P. M.,	*Concord, Mass.*
Richnitzer, S.,	*Perth Amboy, N. J.*

SWEDISH THEOLOGICAL SEMINARY.

THIRD CLASS.

Chilstrom, Nels J.,	*Concord, Neb.*
Ostlund, Alfred,	*Chicago.*
Westling, Otto W.,	*Filipstad, Sweden.*

SECOND CLASS.

Glemaker, Nels P.,	*Grand Forks, Dak.*
Hammer, Carl,	*Kenosha, Wis.*
Johnson, Charles,	*Oakland, Neb.*

FIRST CLASS.

Burke, Joel,	*Kennedy, N. Y.*
Hedeen, Eric N.,	*Andover.*
Johnson, John,	*Ansonia, N. Y.*
Magnuson, Svan,	*Chicago.*
Sandberg, Oscar,	*Ong, Neb.*
Strom, Axel,	*Milwaukee, Wis.*
Widell, Emil,	*Bank River, Mich.*

LIST OF
DEGREES AND PRIZES
FOR
THE YEAR 1898–99.

DEGREES CONFERRED IN 1898.

HONORARY DEGREES.

Doctor of Laws.

Greene Vardiman Black, M.D., D.D.S.,
Scientific Investigator and Teacher.

Nathaniel Clinton Sears,
Jurist and Law Teacher.

Doctor of Divinity.

John W. Richards, A.M.,
Graduate of the College of Liberal Arts, Class of 1874.

DEGREES IN COURSE.

Bachelor of Arts.

Barker, Eva Ellen,
Bell, William Wilkinson,
Bobb, Boyd Byron,
Broomhall, Edith Jane,
Brown, John Montcalm,
Bush, Martin Daniel,
Conner, William Henry,
De Bra, Harvey Rufus,
Engstrom, Ebenezer Washington,
Fahs, Charles Harvey,
Froula, Vaclav Karel,
Goodwin, George Benjamin,
Herdien, Elmer Forrest,
Herdien, Walter Laurence,
Jones, Walter Clinton,
Pease, Rollin Malbone,
Plant, Thomas Jefferson,
Schneider, John Michael,
Smith, Ernest Bailey,
St. John, Burton Little,
Tomlinson, George Horace,
Winslow, Charles Spaulding.

Bachelor of Philosophy.

Agat, Isaiah,
Ainsworth, Oramel Collins,
Anderson, Esther Lowell,
Barber, Benjamin Russell,
Caraway, Ann Estelle,
Davis, Lena Marie,
Eckert, Nellie Blanche,
Haller, Frank Hastings,
Janes, Merle,
Kokubo, Sadanosuke,
Mattison, Olinia May,
Messner, Mabel Estelle,

Metcalf, Terressa Adelia,
Mitchell, Mott Payton,
Monk, Alice Maude,
Moore, Eva Estelle,
Nichols, Laura Ann,
Patterson, Florence Marguerite,
Reid, Robert John,
Reynolds, Mary Isabel,
Wilkinson, Gilbert Haven,
Wilkinson, Rufus Herbert,
Wilson, Robert Edward.

Bachelor of Science.

Bowen, Lucy Isabel,
Brownell, Mary Frances,
Byers, Noah Ebersole,
Heathcock, John Langton,
Jones, Nettie L.,
Marsh, Ben Herbert,
McNett, Willard Nelson,
Milbank, Mary Louise,
Mowry, Clarence Harrison,
Parsons, Harry Thaddeus,
Pendleton, Carleton Henry,
Rassweiler, Harry Clinton,
Sharp, Carl Nelson,
Taylor, Louise Martha,
Thistlewood, Anise May,
Van Sickle, Grace Irmagarde.

Bachelor of Letters.

Hansen, Friedericu Carolina,
Harris, Winifred Emmerson,
Heppe, Amelia Dorothea,
Post, Edith Mary,
White, Annie Louise.

Master of Arts.

Barker, Eva Ellen,
Greenlaw, Edwin Almiron,
Pease, Samuel James.

Master of Science.

Batterson, Elmer Samuel,
Beffel, John Marshall,
Gates, Dana Lewis.

Master of Philosophy.

Twight, Alice Gabrielle.

Doctor of Medicine.

Allen, Charles Bertram,
Allen, Thomas Grant, A.M.,
Baccus, Victor,
Bachhuber, Alphonse E.,
Bartine, William Wesley, B.D.,
Beavers, Virgil,
Beffel, John Marshall, S.B.,
Bench, Edward Manuel,
Bishop, Arthur Marion,
Bokhof, David Henry,
Boyd, Guy T.,
Clark, Tracy Hamilton,
Clayton, George Ruben,
Cole, Fern Morton,
Craig, George Gorgas, Jr.,
Culbertson, Carey, A.B.
Cunningham, Wilson, B.S.,
Curry, Thomas Walter, A.B.
Daly, James Joseph, B.D.
Davis, Charles Elbert,
Deering, Albert B.,
Dinges, Edwin Knobb,
Donaldson, Walter Foster,
Donohue, Michael Joseph,

Dudley, Roy Bicknell, A.B.
Eggert, Frederick C.,
Elliott, Charles Addison, B.S.
Farnsworth, Frank Barnett,
Fisk, William Burnham,
Flint, Oliver Josephus,
Fuller, Erlan Gershom,
Fuller, George Ernest, Ph.B.
Gibbons, Frances Engene,
Gibson, Harold Kenneth,
Green, Frederick R., Ph.B.
Hagey, Harry Howard,
Hall, Osman Frederick,
Hecht, D'Orsay, B.S.
Heyerdale, Oscar Cornish,
Hillis, David Sweeney,
Horner, Clyde Francis,
Hoskins, George Henry,
Hull, Alva Rufus,
Hull, Henry Clay, A.B.,
Kahn, Harry, Phar. M.
Kern, Aaron,
Kingman, John Charles, A.B.
Kurtz, Charles J., A.B.,
Leicht, Oswald,
Lesage, Arthur, A.B.
Lovewell, Charles Hubart,
Markley, Robert William,
Marugg, Andrew, A.B.,
Matter, Charles M.,
Miller, Charles Henderson, Ph.G.
Morrison, John Henry,
Mowry, Albert Earl,
Murray, William Kline,
McGonagle, Thomas Charles,
McKinney, Thomas Jefferson, M.D.
Oberlin, Thomas William,
Paine, Claude James,
Palmer, George Thomas,
Piper, Edward D.
Plummer, Henry Stanley,
Porter, John Edward, A.B.
Porter, Ralph Stribling, M.D.
Rogers, Michael Joseph,
Sargent, Evlan,
Schneck, Sereno Watson,
Smith, Lawrence Theodore, B.S.
Souder, Carl, B.S.
De Swarte, Lawrence James, A.B.
Trulson, Louis Martin,
Van Tuyl, Harry Isaac, B.S.
Wagner, Thomas Henry.
Walsh, Harry F.
Wells, Ernest Eldred,
Wheeler, Russel Henry,
Winn, Charles Simmons,
Wolff, Harry David.

Bachelor of Laws.

Bassett, Wilbur Wheeler, Ph.B.
Campbell, Kenneth Alexander,
Cordeal, John Francis,
Diehl, Christopher Bismarck,
Dray, Gail, B.S.
Gillette, Howard Frank,
Lee, John Henry Sheldon, A.B.
Pearsons, Harry Putnam, A.B.
Rutter, Lynn Ryerson, B.S.
Stone, Harry Wheeler, A.B.
Tou, Cornelius S.
Vaill, James John.

Pharmaceutical Chemist.

Brinkman, Oscar,
Dyas, Clair Sedgwich,
Liska, Anton,
Oakley, Robert William,
Patten, Elmer Eugene.

Graduate in Pharmacy.

Allemong, Harry Milton,
Bangert, Louis Edward,
Becker, Caroline Mary,
Bell, Edward,
Blaesser, Walter Andrew,
Bodenschatz, John,
Bornhoeft, John Edward Henry,
Brock, Humphrey David,
Brown, Leonard George,
Burdick, Orson Arthur,
Butler, Francis Joseph,
Christensen, Frits Walter August,
Corr, Edward,
Cutler, Charles Clarence,
Da Costa, Albert Raphael, Jr.
Davis, William Ward,
Dee, Charles Oscar,
Donaldson, Willard,
Druehl, Walter Frank,
Eaton, Roy Tuttle,
Eilers, Gustav Herman,
Gothard, James,
Grube, Alfred Peter August,
Hackrott, Henry George,
Higgins, Raymond Jordan,
Humphreys, Maude,
Hutchinson, Andrew Alexander,
Illing, William August,
Janett, Martin,
Jayne, Edward,
Jertelius, Henry,
Jones, Benjamin Edwin,
Jones, Thomas Owen,
Koch, Adolph Charles,
Koehler, Gottfried Henry Charles,
Kremer, Berthold James,
Lee, Henry Cooley,
Lewis, Charles Frederick,
Littlefield, Charles Edward,
Littler, Charles Alvador,
Lott, Harvey Vansyckle,
Mackie, William Robert,
Marean, William Andrew.
Marshall, Thomas Eggleston,
Matthiesen, John Christian,
McConochie, Hubert,
McLean, Claire French,
Mikkelsen, Niels,
Moran, Thomas Francis,
Morehead, Frank Addison,
Morton, Charles Webster,
Mosier, David Clark,
Neumann, Adolph,
Newman, Hardy,
Oellrich, Herman Theodore,
Orth, Charles Henry,
Potter, Herbert Leveret,
Preisendorfer, Adam John,
Rich, Clifford Lewis,
Riesen, Walter Paul,
Rodgers, Frank,
Sheppard, Samuel Henry,
Smith, Francis Clement,
Sperling, Frank,
Steadman, Prescott Lawrence,
Steiner, Noah Webster,
Stephan, Otto,
Stevens, Lona E.
Stocker, George Absalom,
Streich, Edwin August,
Striegel, John Peter,
Taylor, Justus Earl,
Thomas, Albert Raymond,
Viestenz, Rudolph Ferdinand,
Ward, William Henry,
Watz, Herman George,
Wescott, Charles Edward,
Whiteside, John Claxton Burroughs,
Williams, Samuel William,
Windeguth, Edward Henry,
Wolford, George Franklin,
Wooley, Ida Margaret,
Wright, John Franklin,
Yeo, Norman Hoskin,
Yerger, Charles Francis,
Young, John William,

Doctor of Dental Surgery.

Allen, Holson,
Algeo, Hebert Edgar,
Albrecht, Edward John,
Aiston, Robert T.,
Atwood, Clarence Albert,
Atchison, George Byron,
Badgley, Louis Emerson,
Barnhart, Fred Palen,
Brown, Walter Anthony,
Brandt, George Carl,
Bayne, Arthur Stanley,
Brock, Henry Clay,
Brundage, Clara Frances,
Bridgman, George Hedley, D.D.S.
Burnett, Frank Eaton,
Blackaller, Louis Edward,
Bell, Alexander John,
Beidler, George Henry,
Bimrose, Frank Herbert,
Beck, Clara Carolyn,
Burgan, John Edward,
Banning, Claude Percy,
Beach, Arthur William,
Boyce, Thomas Jefferson,
Crawford, Samuel Bowdin,
Copley, Harry,
Curtis, Frank,
Cole, Robert Innes,
Conniff, John Charles,
Clough, Charles Merrill,
Carrabine, Oscar,
Darnell, George W.
Davis, James Cromwell,
Dowell, Benjamin Franklin,
Derrick, Leslie Graham,
Dorsey, Walter F.,
Doody, William Francis,
Delano, Walter Keith,
Devries, Ulysses Frank,
Demorest, Clyde Satterlee,
Ellis, Lewis Maurice,
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Frankel, Herman Lewis,
Fellows, Roger Lee,
Froeschle, William Frederick,
Freemire, Frank Nichols,
Freeman, Van E.,
Fowler, John Howard,
Garrett, Carlton Marshall,
Garling, Nathanial Lay,
Graham, Willis Mortimore,
Gibson, William R.
Grotewohl, Arthur C.
Graflund, Frederick,
Gulmyer, Harry,
Grove, James,
Godward, Charles Henry,
Hayes, Francis Thomas,
Hopf, William Valentine,
Hunter, Alice C.,
Hess, Charles Burton,
Heacox, Francis Eugene,
Hunn, Rudolph George,
Huberty, Clemens,
Hillenbrand, George Henry,
Hollembeak, Walter Lewis,
Hibbard, Clark George,
Hollenbeck, Turner B.,
Hixon, Almont Clark,
Haight, James Henry,
Hunter, Norman Hilton,
Hargett, Arthur Vernon,
Hartzell, Clark Kennedy,
Hawley, Lloyd Robinson,
Hoane, Harry,
Isenhower, Harry Randolph,
Inglesby, Arthur Leroy,
Johnson, Clyde Wilmouth,
Johnson, Walter Willis,
Jackson, J. DeWolf,
Jackson, Walter Henry,
Jones, John R.,

Keyser, Sherman,
Kniewel, Gertrud,
Krenwinkel, Conrad F.,
Kennedy, John Herbert,
Klopp, Chas. Edward,
Kellogg, Ray D.,
Lawson, Chas. Howard,
Leininger, Charles Simon,
Lange, Olof,
Lawrence, Frederick Seamans,
Leonard, James Joseph,
Libberton, Ralp Earnest McKay,
Morgan, Earnest John,
Madden, James W.,
Metzgar, Frank Marcellus,
Minium, Geo. Wallace,
Mott, Burt M.,
Morgan, Shane Alexander,
Munn, Royal Bernard,
Montague, Theodore H.,
Meservey, Ebbin Arthur,
Morris, William Edward,
McNinch, Samuel William,
McDermott, Frank E.,
McIntyre, John,
Neil, Robert Percival,
Onthank, Joseph James,
Overholser, Wiley Landis,
Prothero, Katie Dooley,
Peak, Mary,
Peck, Houghton,
Perry, Geo. Merideth,
Padget, Walter Sylvester,
Parshall, Ross Thurber,
Prettyman, Emerson James,
Quick, Raymond Clinton,
Robison, Homer Everett,
Russel, Geo. Milford,
Rench, Frederick Y.,
Reese, Chas. Newton,
Rimes, William Franklin,
Ratliff, Milo Ellis,
Richardson, Geo. Robert,
Reisacher, Fred. Anthony,
Risinger, Harry Ralph,
Rath, Theodore Humboldt,
Rowell, Edward Frater,
Ruff, Guy Mortland,
Rood, Fletcher Chas.,
Reid, Isaac Emerson,
Reed, Forrest Desota,
Snow, James Meeker,
Shupert, Harry Lewis,
Shepherd, Aaron J.,
Schlotfeldt, Charles.
Scott, Dan. Pike,
Schaum, Madge Lyman,
Shields, James Herman, D.D.S.,
Strong, Lucien Willis,
Stephenson, William Allman,
Sulsberger, John Jacob,
Swigert, Harry Irving,
Stoufer, Chas. W.,
Sweet, Wilbert Skean,
Taylor, Walter Clayton,
Taylor, John Thompson,
Tucker, Arthur C.,
Thomas, Clarence Carroll,
Trent, Henry German,
Tunison, Burton Murray,
Van Dyke, John,
Whitcomb, Charles Duane,
Wilson, Geo. Washington,
Wait, Guy Filmore,
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Walton, Miles Eli,
Wood, Harry C.,
Wicklin, Chas. Sumner,
Wing, Franklin Fearing,
Wise, Thomas Pittinger,
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Wickham, Daniel Webster,
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Webb, Clarence Arthur,
Wallace, John Herman,
Williams, Frederick Vernon,
Williams, Harry Karr,
Wallace, Thomas Bernard S.,
Young, Chas. A.,

Doctor of Medicine (Woman's Medical).

Anderson, Martha,
Bayer, Elizabeth Dehn,
Dryden, Mary Victoria Wolfe,
Emerson, Vinnie,
Frost, Carrie A.,
Gray, Helena Kathleen, Ph.G.,
Jarvis, Abbie Ann,
Kelsey, Jane M., B.S.,
Kern, Vlandina,
Ladova, Rosalie M., B.S.,
Lapham, Anna Ross, M.S.,
McArthur Victoria E., B.A.,
McEwen, Mary Gilruth,
Martin, Emma Estella,
Michael, May,
Patton, Jessie,
Parks, Emma Blackburn, B.A.
Palmer, Violet Henriette,
Shaw, Viola Elzade,
Sims, Claire,
Spring, Carrie K.,
Timmerman, Eudora Madge,
Topping, Marie,
Uhl, Agnes Eva, Ph.G.

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The Gage Prize, for Excellence in Debate: Carleton H. Pendleton (1898), Charles F. Juvinall (1899).

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The Dewey Prize, in Political and Social Science: Edwin A. Greenlaw.

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The Encyclopedia Prize: John Francis Cordeal, of McCook, Neb.

The Lawyer's Co-operative Publishing Company's Prize: Francis Joseph Ross Mitchell, A.B., of Evanston, Ill.

The Towle Prize: Divided equally between Charles Byrd Elder, of Chicago, and Royal Joseph Whitlock, Ph.B., of Evanston, Ill.

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The Faculty of Liberal Arts has appointed Miss Lodilla Ambrose (2024 Orrington Ave., Evanston) Recorder of Alumni. It is desired that alumni of the College of Liberal Arts should keep her informed as to any biographical items of interest, especially changes in address, and notices of the deaths of any of the graduates.

Professor Edward Avery Harriman, Evanston, Ill., has been appointed Recorder of Alumni for the Law School, and the law alumni are requested to communicate to him their addresses, and biographical items of interest.

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Harry Clinton Rassweiler, '98.
Mary Isabel Reynolds, '98.
Robert Edward Wilson, '98.

SUMMARY OF STUDENTS.

College of Liberal Arts:

Fellows,	2	
Resident Graduates,	32	
Non-resident Graduates,	4	
Candidates for Bachelor's Degree,	414	
Students not Candidates for a Degree,	123	—575

Medical School:

Fourth Year,	65	
Third Year,	77	
Second Year,	71	
First Year,	48	
Special Students,	40	—301

Law School:

	78	—161
Norwegian-Danish,		— 8
Swedish Theological School,		—13
		2225
Deduct names counted twice and not previously deducted		—41
Total number of Students in Degree Departments		2084

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ERRATA.

DENTAL SCHOOL:		
Third Year,	183	
Second Year,	188	
First Year,	216	—587
SCHOOL OF MUSIC,		—116
Total,		2250
Deduct names counted twice,		48
		2202

SUMMARY OF STUDENTS.

College of Liberal Arts:

Fellows,	2	
Resident Graduates,	32	
Non-resident Graduates,	4	
Candidates for Bachelor's Degree,	414	
Students not Candidates for a Degree,	123	—575

Medical School:

Fourth Year,	65	
Third Year,	77	
Second Year,	71	
First Year,	48	
Special Students,	40	—301

Law School:

Graduate Students,	2	
Third Year,	56	
Second Year,	41	
First Year,	67	—166

School of Pharmacy:

Candidates for Degree of Pharmaceutical Chemist	7	
Candidates for Degree of Graduate in Pharmacy	240	—247

Dental School:

Third Year,	183	
Second Year,	155	
First Year,	140	—478

Woman's Medical School,	—79
School of Music,	—114

Garrett Biblical Institute:

Senior Class	35	
Middle Class	48	
Junior Class	78	—161

Norwegian-Danish,	— 8
Swedish Theological School,	—13
	2225
Deduct names counted twice and not previously deducted	—41
Total number of Students in Degree Departments	2084

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